Project 227

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டிப்பி கோடிங் பாடசாலை

ILLUSTRATIONSHEET3

HTML, CSS மற்றும் Java Script பயன்படுத்தி நீங்கள் உள்ளமைத்து Parallax Website தனியாக உருவாக்கிப் விநியோகம் பார்ப்பீர்கள்.

❖ மேலே குறிப்பிட்ட பெயருள்ள Folder உருவாக்கி அதை Sublime Text மீது திறக்க செய்யுங்கள். பின்னர் index.html, style.css, script.js கோப்புகளை உருவாக்கி அதனுடன் images மற்றும் assets folder ஆகியவற்றை உள்ளே உருவாக்கி கீழே காண்பிக்கப்பட்டுள்ளபடி அமைக்கவும்.

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❖ Index file னில் உள்ளே body tag னில் உள்ளே header tag தனியாக open செய்துகொள்ளுங்கள்.

❖ அதன் உள்ளே logo என்ற class தனியாக h2 வகையான tag தனியாகவே open செய்து அதன் logo என்று பெயரிடுங்கள்.

❖ body, header மற்றும் logo class க்கு கீழே உள்ளவாறு CSS add செய்யுங்கள்.

```
<header>
  <h2 class="logo">Logo</h2>
</header>


body{
    height: 100vh;
    background: #f9f9f9;
    overflow: scroll;
}
  ...
```

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```
header{
    position: absolute;
    top: 0;
    left: 0;
    width: 100%;
    height: 100px;
    display: flex;
    justify-content: flex-start;
    position: center;
    z-index: 100;
}

.logo{
    font-size: 3em;
    color: #fff;
    pointer-events: none;
    margin-right: 100px;
}
```

❖ இப்போது navigation bar ஐ உருவாக்கிகொள்வோம் .

❖ அதற்காக logo தனி, பிறகு header னின் உள்ளேயே nav tag தனியாகவே open செய்து கீழே உள்ளவாறு nav items add செய்யுங்கள்.

```
<header>
  <h2 class="logo">Logo</h2>
  <nav class="navigation">
    <a href="#">Home</a>
    <a href="#">About</a>
    <a href="#">Services</a>
    <a href="#">Contact</a>
    <a href="#">Careers</a>
  </nav>
</header>
```

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❖ Navigation class னி உள்ளே a tag குக்கான கீழே உள்ளவாறு CSS உருவாக்குங்கள்.

```
.navigation a{
    text-decoration: none;
    color: #333333;
    padding: 10px;
    borderradius: 20px;
    margin: 0 20px;
    font-weight: 600;
}
```

❖ அவற்றை hover செய்யும் போது கீழே உள்ளவாறு மாறுவதற்கு CSS add செய்யவும்.

```
.navigation a:hover{
    color: #000000;
    color: #fff;
}
  ...
```

❖ Header tag க்கு பிறகு parallax என்ற section ஒன்றினை கீழே உள்ளவாறு open செய்யவும்.

```
<header>
<section class="parallax">


</section>
```

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❖ Parallax class க்கான CSS கீழே உள்ளவாறு ஆகும்.

```
.parallax{
    position: relative;
    height: 100vh;
    justify-content: center;
    margin: 100vh;
    align-items: center;
}
```

❖ அந்த section னின் உள்ளே கீழே உள்ளவாறு image மற்றும் text add செய்யவும். images அனைத்தும் assets folder னின் உள்ளே உள்ளடக்கப்பட்டுள்ளது.

❖ Parallax class னி உள்ளே உள்ள img tag க்கான மற்றும் மற்று text என்ற உள்ள text க்கு கீழே உள்ளவாறு CSS add செய்யவும்.

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```
.text{
    position: absolute;
    font-size: 5em;
    color: #fff;
    text-shadow: 0px 2px 4px rgba(0,0,0,0.2) ;
}


.parallax img{
    position: absolute;
    height: 100%;
    left: 0;
    pointer-events: none;
    width: 100%;
}
```

❖ அடுத்தாக உங்களுக்கு கீழே உள்ளவாறு இணையப் பக்கம் தோன்றும்.

❖ இப்போது கீழே உருவாக்கி கொண்டவைகளுக்கு கீழே இன்னுமொரு content ஒன்றை add செய்யவோ அப்போது scroll செய்யவைத்து கீழே content ஒன்று இருப்பதால் parallax effect ஐ பார்த்துக்கொள்ள முடியும்.

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❖ அதற்காக புதிய section ஒன்றில் class ஐ sec என்ற கீழே உள்ளவாறு add செய்யவும்.

```
<section>
<section class="sec">x</section>
```

❖ அதன் உள்ளே கீழே உள்ளவாறு heading ஒன்று மற்றும் two paragraph ஒன்றை add செய்யவும். Paragraph க்கு கொடுத்துள்ளக்க தேவையான text ஆனது உங்களுக்கு தொடர்பில் லொரேம் இப்சம் கொடுக்கப்பட்டுள்ள இடப் குதியில் கீழே content செய்யப்பட்டுள்ளது. அதை copy செய்து paste செய்யவும்.

```
<section class="sec">
<h2>Parallax scrolling website</h2>
  <p>
    Proin lacus ipsum tellus duis convallis tempus adipiscing nulla. Aliquam
    faucibus purus ut sed sed non. Morbi tincidunt augue interdum velit euismod
    quisque tincidunt tincidunt eget nullam non nisi est sit amet facilisis magna
    etiam tempor orci eu lobortis elementum nibh tellus molestie nunc non blandit
    massa enim nec dui nunc mattis enim ut tellus elementum sagittis vitae et
    leo duis ut diam quam nulla porttitor massa id neque aliquam vestibulum morbi
    blandit cursus risus at ultrices mi tempus imperdiet nulla malesuada pellentesque
    elit eget gravida cum sociis natoque penatibus et magnis dis parturient montes
    nascetur ridiculus mus mauris vitae ultricies leo integer malesuada nunc vel
    risus commodo viverra maecenas accumsan lacus vel facilisis volutpat est velit
    egestas dui id ornare arcu odio ut sem nulla pharetra diam sit amet nisl suscipit
    adipiscing bibendum est ultricies integer quis auctor elit sed vulputate mi sit
    amet mauris commodo quis imperdiet massa tincidunt nunc pulvinar sapien et
    ligula ullamcorper malesuada proin libero nunc consequat interdum varius sit
    amet mattis vulputate enim nulla aliquet porttitor lacus luctus accumsan tortor
    posuere ac ut consequat semper viverra nam libero justo laoreet sit amet cursus
    sit amet dictum sit amet justo donec enim diam vulputate ut pharetra sit amet
    aliquam id diam maecenas ultricies mi eget mauris pharetra et ultrices neque
    ornare aenean euismod elementum nisi quis eleifend quam adipiscing vitae proin
    sagittis nisl rhoncus mattis rhoncus urna neque viverra justo nec ultrices dui
    sapien eget mi proin sed libero enim sed faucibus turpis in eu mi bibendum
    neque egestas congue quisque egestas diam in arcu cursus euismod quis viverra
    nibh cras pulvinar mattis nunc sed blandit libero volutpat sed cras ornare
    arcu dui vivamus arcu felis bibendum ut tristique et egestas quis ipsum
    suspendisse ultrices gravida dictum fusce ut placerat orci nulla pellentesque
    dignissim enim sit amet venenatis urna cursus eget nunc scelerisque viverra
    mauris in aliquam sem fringilla ut morbi tincidunt augue interdum velit euismod
    in pellentesque massa placerat duis ultricies lacus sed turpis tincidunt id
    aliquet risus feugiat in ante metus dictum at tempor commodo ullamcorper a
    lacus vestibulum sed arcu non odio euismod lacinia at quis risus sed vulputate
    odio ut enim blandit volutpat maecenas volutpat blandit aliquam etiam erat
    velit scelerisque in dictum non consectetur a erat nam at lectus urna duis
    convallis convallis tellus id interdum velit laoreet id donec ultrices tincidunt
    arcu non sodales neque sodales ut etiam sit amet nisl purus in mollis nunc
    sed id semper risus in hendrerit gravida rutrum quisque non tellus orci ac
    auctor augue mauris augue neque gravida in fermentum et sollicitudin ac orci
    phasellus egestas tellus rutrum tellus pellentesque eu tincidunt tortor aliquam
    nulla facilisi cras fermentum odio eu feugiat pretium nibh ipsum consequat
    nisl vel pretium lectus quam id leo in vitae turpis massa sed elementum tempus
    egestas sed sed risus pretium quam vulputate dignissim suspendisse in est ante
    in nibh mauris cursus mattis molestie a iaculis at erat pellentesque adipiscing
    commodo elit at imperdiet dui accumsan sit amet nulla facilisi morbi tempus
    iaculis urna id volutpat lacus laoreet non curabitur gravida arcu ac tortor
    dignissim convallis aenean et tortor at risus viverra adipiscing at in tellus
    integer feugiat scelerisque varius morbi enim nunc faucibus a pellentesque sit
    amet porttitor eget dolor morbi non arcu risus quis varius quam quisque id
    diam vel quam elementum pulvinar etiam non quam lacus suspendisse faucibus
    interdum posuere lorem ipsum dolor sit amet consectetur adipiscing elit duis
    tristique sollicitudin nibh sit amet commodo nulla facilisi nullam vehicula
    ipsum a arcu cursus vitae congue mauris rhoncus aenean vel elit scelerisque
    mauris pellentesque pulvinar pellentesque habitant morbi tristique senectus et
    netus et malesuada fames ac turpis egestas maecenas pharetra convallis posuere
    morbi leo urna molestie at elementum eu facilisis sed odio morbi quis commodo
    odio aenean sed adipiscing diam donec adipiscing tristique risus nec feugiat
    in fermentum posuere urna nec tincidunt praesent semper feugiat nibh sed
    pulvinar proin gravida hac habitasse platea dictumst vestibulum rhoncus est
    pellentesque elit ullamcorper dignissim cras tincidunt lobortis feugiat vivamus
    at augue eget arcu dictum varius duis at consectetur lorem donec massa sapien
    faucibus et molestie ac feugiat sed lectus vestibulum mattis ullamcorper velit
    sed ullamcorper morbi tincidunt ornare massa eget egestas purus viverra
    accumsan in nisl nisi scelerisque eu ultrices vitae auctor eu augue ut lectus
    arcu bibendum at varius vel pharetra vel turpis nunc eget lorem dolor sed
    viverra ipsum nunc aliquet bibendum enim facilisis gravida neque convallis
    a cras semper auctor neque vitae tempus quam pellentesque nec nam aliquam
    sem et tortor consequat id porta nibh venenatis cras sed felis eget velit
    aliquet sagittis id consectetur purus ut faucibus pulvinar elementum integer
    enim neque volutpat ac tincidunt vitae semper quis lectus nulla at volutpat
    diam ut venenatis tellus in metus vulputate eu scelerisque felis imperdiet
    proin fermentum leo vel orci porta non pulvinar neque laoreet suspendisse
    interdum consectetur libero id faucibus nisl tincidunt eget nullam non nisi
    est sit amet facilisis magna etiam tempor orci eu lobortis elementum nibh
    tellus molestie nunc non blandit massa enim nec dui nunc mattis enim ut
    tellus elementum sagittis vitae et leo duis ut diam quam nulla porttitor
    massa id neque aliquam vestibulum morbi blandit cursus risus at ultrices mi
    tempus imperdiet nulla malesuada pellentesque elit eget gravida cum sociis
    natoque penatibus et magnis dis parturient montes nascetur ridiculus mus
    mauris vitae ultricies leo integer malesuada nunc vel risus commodo viverra
    maecenas accumsan lacus vel facilisis volutpat est velit egestas dui id
    ornare arcu odio ut sem nulla pharetra diam sit amet nisl suscipit adipiscing
    bibendum est ultricies integer quis auctor elit sed vulputate mi sit amet
    mauris commodo quis imperdiet massa tincidunt nunc pulvinar sapien et ligula
    ullamcorper malesuada proin libero nunc consequat interdum varius sit amet
    mattis vulputate enim nulla aliquet porttitor lacus luctus accumsan tortor
    posuere ac ut consequat semper viverra nam libero justo laoreet sit amet
    cursus sit amet dictum sit amet justo donec enim diam vulputate ut pharetra
    sit amet aliquam id diam maecenas ultricies mi eget mauris pharetra et
    ultrices neque ornare aenean euismod elementum nisi quis eleifend quam
    adipiscing vitae proin sagittis nisl rhoncus mattis rhoncus urna neque
    viverra justo nec ultrices dui sapien eget mi proin sed libero enim sed
    faucibus turpis in eu mi bibendum neque egestas congue quisque egestas diam
    in arcu cursus euismod quis viverra nibh cras pulvinar mattis nunc sed
    blandit libero volutpat sed cras ornare arcu dui vivamus arcu felis bibendum
    ut tristique et egestas quis ipsum suspendisse ultrices gravida dictum fusce
    ut placerat orci nulla pellentesque dignissim enim sit amet venenatis urna
    cursus eget nunc scelerisque viverra mauris in aliquam sem fringilla ut morbi
    tincidunt augue interdum velit euismod in pellentesque massa placerat duis
    ultricies lacus sed turpis tincidunt id aliquet risus feugiat in ante metus
    dictum at tempor commodo ullamcorper a lacus vestibulum sed arcu non odio
    euismod lacinia at quis risus sed vulputate odio ut enim blandit volutpat
    maecenas volutpat blandit aliquam etiam erat velit scelerisque in dictum non
    consectetur a erat nam at lectus urna duis convallis convallis tellus id
    interdum velit laoreet id donec ultrices tincidunt arcu non sodales neque
    sodales ut etiam sit amet nisl purus in mollis nunc sed id semper risus in
    hendrerit gravida rutrum quisque non tellus orci ac auctor augue mauris augue
    neque gravida in fermentum et sollicitudin ac orci phasellus egestas tellus
    rutrum tellus pellentesque eu tincidunt tortor aliquam nulla facilisi cras
    fermentum odio eu feugiat pretium nibh ipsum consequat nisl vel pretium lectus
    quam id leo in vitae turpis massa sed elementum tempus egestas sed sed risus
    pretium quam vulputate dignissim suspendisse in est ante in nibh mauris
    cursus mattis molestie a iaculis at erat pellentesque adipiscing commodo elit
    at imperdiet dui accumsan sit amet nulla facilisi morbi tempus iaculis urna
    id volutpat lacus laoreet non curabitur gravida arcu ac tortor dignissim
    convallis aenean et tortor at risus viverra adipiscing at in tellus integer
    feugiat scelerisque varius morbi enim nunc faucibus a pellentesque sit amet
    porttitor eget dolor morbi non arcu risus quis varius quam quisque id diam
    vel quam elementum pulvinar etiam non quam lacus suspendisse faucibus
    interdum posuere lorem ipsum dolor sit amet consectetur adipiscing elit duis
    tristique sollicitudin nibh sit amet commodo nulla facilisi nullam vehicula
    ipsum a arcu cursus vitae congue mauris rhoncus aenean vel elit scelerisque
    mauris pellentesque pulvinar pellentesque habitant morbi tristique senectus et
    netus et malesuada fames ac turpis egestas maecenas pharetra convallis posuere
    morbi leo urna molestie at elementum eu facilisis sed odio morbi quis commodo
    odio aenean sed adipiscing diam donec adipiscing tristique risus nec feugiat
    in fermentum posuere urna nec tincidunt praesent semper feugiat nibh sed
    pulvinar proin gravida hac habitasse platea dictumst vestibulum rhoncus est
    pellentesque elit ullamcorper dignissim cras tincidunt lobortis feugiat
    vivamus at augue eget arcu dictum varius duis at consectetur lorem donec
    massa sapien faucibus et molestie ac feugiat sed lectus vestibulum mattis
    ullamcorper velit sed ullamcorper morbi tincidunt ornare massa eget egestas
    purus viverra accumsan in nisl nisi scelerisque eu ultrices vitae auctor eu
    augue ut lectus arcu bibendum at varius vel pharetra vel turpis nunc eget
    lorem dolor sed viverra ipsum nunc aliquet bibendum enim facilisis gravida
    neque convallis a cras semper auctor neque vitae tempus quam pellentesque nec
    nam aliquam sem et tortor consequat id porta nibh venenatis cras sed felis
    eget velit aliquet sagittis id consectetur purus ut faucibus pulvinar
    elementum integer enim neque volutpat ac tincidunt vitae semper quis lectus
    nulla at volutpat diam ut venenatis tellus in metus vulputate eu scelerisque
    felis imperdiet proin fermentum leo vel orci porta non pulvinar neque laoreet
    suspendisse interdum consectetur libero id faucibus nisl tincidunt eget
    nullam non nisi est sit amet facilisis magna etiam tempor orci eu lobortis
    elementum nibh tellus molestie nunc non blandit massa enim nec dui nunc
    mattis enim ut tellus elementum sagittis vitae et leo duis ut diam quam nulla
    porttitor massa id neque aliquam vestibulum morbi blandit cursus risus at
    ultrices mi tempus imperdiet nulla malesuada pellentesque elit eget gravida
    cum sociis natoque penatibus et magnis dis parturient montes nascetur
    ridiculus mus mauris vitae ultricies leo integer malesuada nunc vel risus
    commodo viverra maecenas accumsan lacus vel facilisis volutpat est velit
    egestas dui id ornare arcu odio ut sem nulla pharetra diam sit amet nisl
    suscipit adipiscing bibendum est ultricies integer quis auctor elit sed
    vulputate mi sit amet mauris commodo quis imperdiet massa tincidunt nunc
    pulvinar sapien et ligula ullamcorper malesuada proin libero nunc consequat
    interdum varius sit amet mattis vulputate enim nulla aliquet porttitor lacus
    luctus accumsan tortor posuere ac ut consequat semper viverra nam libero
    justo laoreet sit amet cursus sit amet dictum sit amet justo donec enim diam
    vulputate ut pharetra sit amet aliquam id diam maecenas ultricies mi eget
    mauris pharetra et ultrices neque ornare aenean euismod elementum nisi quis
    eleifend quam adipiscing vitae proin sagittis nisl rhoncus mattis rhoncus
    urna neque viverra justo nec ultrices dui sapien eget mi proin sed libero
    enim sed faucibus turpis in eu mi bibendum neque egestas congue quisque
    egestas diam in arcu cursus euismod quis viverra nibh cras pulvinar mattis
    nunc sed blandit libero volutpat sed cras ornare arcu dui vivamus arcu felis
    bibendum ut tristique et egestas quis ipsum suspendisse ultrices gravida
    dictum fusce ut placerat orci nulla pellentesque dignissim enim sit amet
    venenatis urna cursus eget nunc scelerisque viverra mauris in aliquam sem
    fringilla ut morbi tincidunt augue interdum velit euismod in pellentesque
    massa placerat duis ultricies lacus sed turpis tincidunt id aliquet risus
    feugiat in ante metus dictum at tempor commodo ullamcorper a lacus vestibulum
    sed arcu non odio euismod lacinia at quis risus sed vulputate odio ut enim
    blandit volutpat maecenas volutpat blandit aliquam etiam erat velit
    scelerisque in dictum non consectetur a erat nam at lectus urna duis
    convallis convallis tellus id interdum velit laoreet id donec ultrices
    tincidunt arcu non sodales neque sodales ut etiam sit amet nisl purus in
    mollis nunc sed id semper risus in hendrerit gravida rutrum quisque non
    tellus orci ac auctor augue mauris augue neque gravida in fermentum et
    sollicitudin ac orci phasellus egestas tellus rutrum tellus pellentesque eu
    tincidunt tortor aliquam nulla facilisi cras fermentum odio eu feugiat pretium
    nibh ipsum consequat nisl vel pretium lectus quam id leo in vitae turpis
    massa sed elementum tempus egestas sed sed risus pretium quam vulputate
    dignissim suspendisse in est ante in nibh mauris cursus mattis molestie a
    iaculis at erat pellentesque adipiscing commodo elit at imperdiet dui
    accumsan sit amet nulla facilisi morbi tempus iaculis urna id volutpat lacus
    laoreet non curabitur gravida arcu ac tortor dignissim convallis aenean et
    tortor at risus viverra adipiscing at in tellus integer feugiat scelerisque
    varius morbi enim nunc faucibus a pellentesque sit amet porttitor eget dolor
    morbi non arcu risus quis varius quam quisque id diam vel quam elementum
    pulvinar etiam non quam lacus suspendisse faucibus interdum posuere lorem
    ipsum dolor sit amet consectetur adipiscing elit duis tristique sollicitudin
    nibh sit amet commodo nulla facilisi nullam vehicula ipsum a arcu cursus
    vitae congue mauris rhoncus aenean vel elit scelerisque mauris pellentesque
    pulvinar pellentesque habitant morbi tristique senectus et netus et
    malesuada fames ac turpis egestas maecenas pharetra convallis posuere morbi
    leo urna molestie at elementum eu facilisis sed odio morbi quis commodo odio
    aenean sed adipiscing diam donec adipiscing tristique risus nec feugiat in
    
```