Time left:

Marks:

Assessment 01

DP EDUCATION Coding School

Duration is 01 hour and 40 minutes

Name	
e-mail Address	
DP IT CAMPUS	

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In this assessment you will be given instructions to complete a project and answer interactive exercises that include questions related to your project. The total time for that is 1 hour and 40 minutes.

Drag and drop each of the sprites below that you will use in the Sprits Lab into the boxes with their appropriate names

Flying saucer

The child who sits

The child who goes to west

Cloud

Tern to front and went to west by kid

The ball

The kid who stand up and sitting down

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Access the Sprite Lab project through this link. **Start Here**

Remix Click here and start your project

Rename giving your name

Save save it using this

Complete the project step by step using the respective blocks according to the instructions below.

- ✓ Add a flying saucer as a New Sprit. (set its position to 353,196 and its size to 150)
- ✓ Add an image of a child facing west. (set location to 380,43)
- ✓ Add an image of a child sitting facing forward. (set location to 124,30)
- ✓ Add a size 25 ball and set its position to 260,20.
- ✓ Add a cloud image and set its size to 25 and position to 105,400.
  Add another cloud image and set its size to 100 and position to 342,376.
- ✓ When the left arrow key is clicked, apply blocks to move the child facing westward 20pixe.
- ✓ When the right arrow key is clicked, apply the necessary blocks to move the child facing west 20 pixels to the east.
- ✓ Along with the child's movement using the Left & Right arrow keys, set the flying person to move 20 Pixels each in the West and East directions. That means the flying saucer also travels with the child.
- ✓ When the walking child touches the ball, apply the appropriate block to make the ball smaller and invisible.

- ✓ When the walking child touches the sitting child, apply the corresponding block to make the following happen.
  - The sitting child changes into an image of a standing child "
  - The child who walked becomes a child facing forward.
  - The flying crowd is startled.
  - Just then, both children are drawn towards the flying saucer. (i.e. the two children are moving towards north.)
- ✓ **Now show how the flying saucer carrying the two children disappears through the clouds. For this...**

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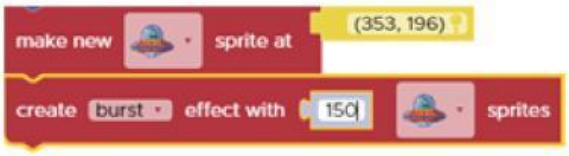
✓ When one of them collided with the flying group, both of them disappeared and the flying saucer moved in the north direction. As soon as the flying person touches the cloud, stop moving in the north direction and use the corresponding block to shrink and disappear from the screen.

Complete your project and provide the correct answer to the questions asked below.

1. What block did you use to add the flying saucer and adjust the size to 150?



2. What is the block used to transform the walking child into a standing child image upon touching the sitting child?

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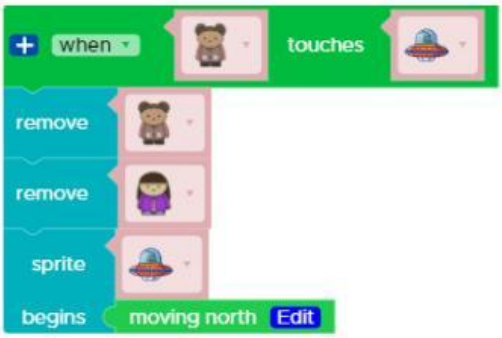
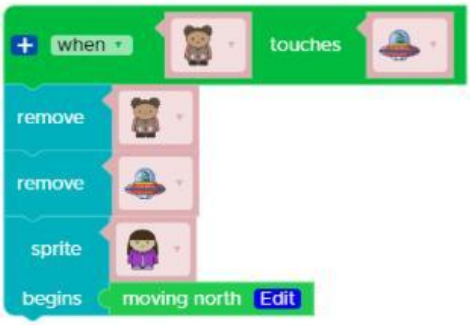
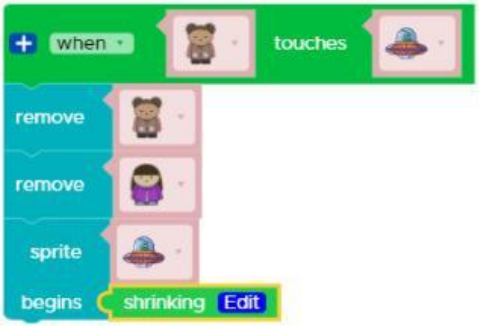
3. As soon as the boy looking ahead touches the saucer, which block is suitable for both children to disappear from the screen and the saucer to move north?







4. What was the When Left Pressed block used for? (choose the answer)

5. What is the keyword used for surprise? (Type answer)

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6. What is the keyword used to shrink and leave the screen? (Type answer)

7. What does this mean? (choose the answer)

8.

What is happening here? (choose the answer)

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■ Select the correct answer and choose .

1. When the walking child touches the ball, the ball shrinks and disappears from the screen.

2. When the left arrow key is clicked, the standing boy and the saucer move to the west.

3. The boy who comes to the east and the sitting boy stand up by touching, and the flying person is startled.

4. Both the children are moving in the north direction.

5. The flying star collides with the cloud and shrinks and disappears from the screen.

- After marking the answers, click on **FINISH!** below

Your score will appear at the top of this worksheet

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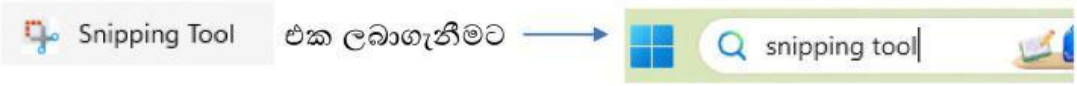
- If your score is less than 40 then study again from project 17

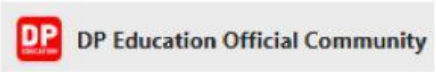
- If your score is between 40 and 80 then start this activity. You will receive a certificate for this.

- If your score is more than 80 then study from project 33 onwards

- Take a screenshot of the first page of this assessment paper using Snipping Tool on your computer and save it



- The screenshot of the first page you saved
  Visit DP Education official group to



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