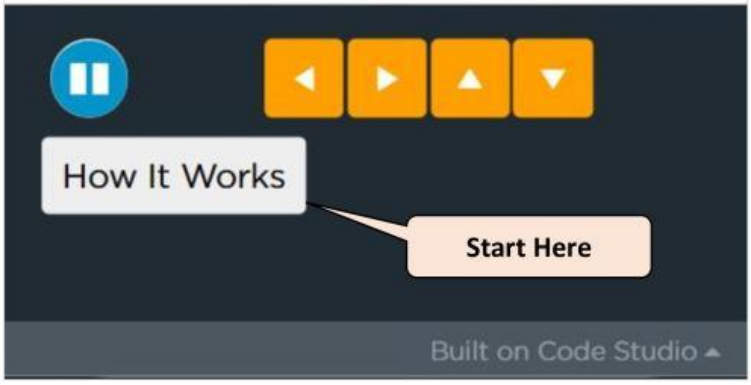
Homework Assignment

DP EDUCATION

Coding School





LIVEWORKSHEETS

Let's help the frog find food.

- All the background and sprites you need are provided in the Functions called Background and Sprites.



- Frog should be moved in all four directions by arrow keys.



- Use the following blocks to make the snake move across the screen.



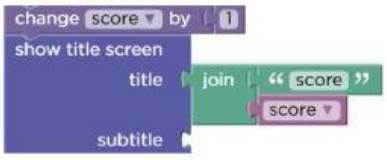
- Create a variable named score and add it to the above blocks to display the scores next time.



- When the frog touches the green insect, the green insect changes into a brown insect, jump anywhere on the screen and use blocks to make a sound.

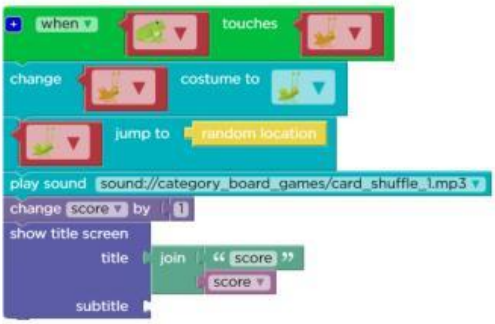


- When the frog touches the green insect, you will get one point each, so apply the following blocks to show the points on the screen.

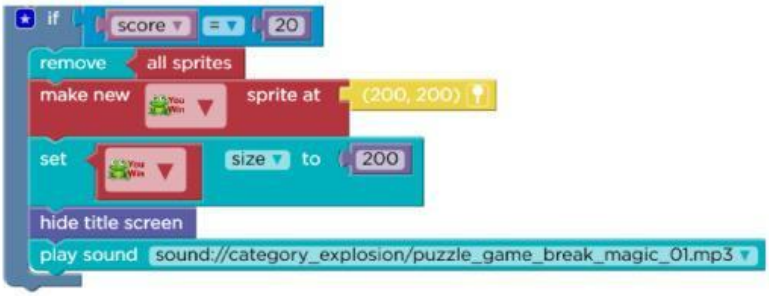


LIVEWORKSHEETS

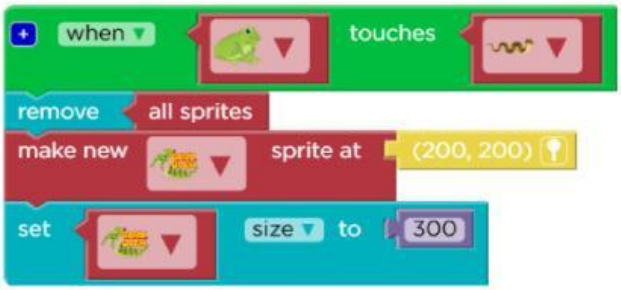
❖ As above, when the frog touches the brown insect, the brown insect changes into a green insect and jumps anywhere on the screen and a sound must also be emitted. Each time the frogs touch the brown insect, they will get one point and the points will be displayed on the screen.



❖ When the amount of points you get is equal to 20 points, all sprites like frog, snake, insect should disappear and the sprite named You win (size set to 200) will appear on the screen. There should also be a sound. Apply related blocks.



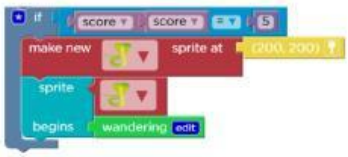
❖ When the frog touches the snake, all the frog, snake, insect sprites should disappear and the game over sprite (set the size to 300) will appear on the screen. Apply related blocks.

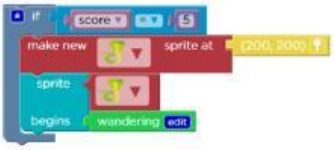


LIVEWORKSHEETS

Select the correct answer.

1. When the number of points you get is equal to 5 points, what are the blocks related to moving a snake across the screen without stopping?







2. What are the blocks involved in turning the brown insect into the green insect?







3. When the frog touches an insect, you get 1 point each. What are the related blocks?







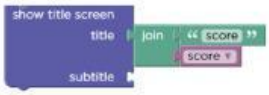
4. When you get 10 points you should get a medal and that medal should appear in the top right corner of the screen what are the related blocks?

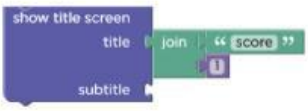


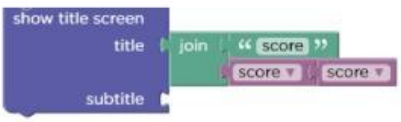




5. What blocks are related to showing the amount of points you get on the screen?







LIVEWORKSHEETS