

Ch 6 - Introduction to Scratch

TEXTUAL EXERCISES

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Information Literacy
Critical Thinking

Answer the following in one word:

1. What is the green flag button called?
2. What is the red button called?
3. What is the script area called?

Go Button
Stop Button
Coding Area

=X=RCIS=

A. Tick (✓) the correct option.

1. Which of the following can create games?

(i) Scratch

☒

(ii) Sprite

☐

(iii) Food

☐

(iv) Backdrop

☐

2. What is a collection of stacked blocks known as?

(i) Backdrop

☐

(ii) Script

☒

(iii) Code tab

☐

(iv) None of these

☐

3. Which of the following shows the result of the Scratch program?

(i) Script

☐

(ii) Stage

☒

(iii) Sprite

☐

(iv) Sprite Info Pane

☐

4. You can create and make changes in the sprites and backdrops in the _____ tab.

(i) Code

☐

(ii) Costumes

☒

(iii) Sounds

☐

(iv) File

☐

5. Which button stops the running program?

(i) Go

☐

(ii) Stop

☒

(iii) Close

☐

(iv) Abort

☐

B. State whether these statements are true or false.

1. You can create new sprites and backdrops in Scratch.
2. Coding tab is used to increase the size of the blocks.
3. You cannot share Scratch projects.
4. Click on Go button to exit the Scratch.
5. The stage area shows the movement of the sprites.

FALSE

FALSE

FALSE

FALSE

TRUE

C. Match the following: 1 - b, 2-a, 3- d, 4-e, 5-c

- | | |
|----------------|--------------------------------|
| 1. Code tab | a. change appearance of sprite |
| 2. Costume tab | b. contain blocks |
| 3. Sound tab | c. cat by default |
| 4. Green flag | d. adds sound to the sprite |
| 5. Sprite | e. runs a program |

D. Answer the following questions:

1. What is a sprite?

Sprite is an object that performs a function on the stage area.

2. Name any three components of Scratch window.

Backdrop, Script, Tabs

3. Write the steps to change the backdrop.

1. Click on the choose a backdrop button. 2. Click on the backdrop to add it to your project.

4. Write steps to change the appearance of a sprite.

1. Click on the costumes tab. 2. Select the part of the sprite by clicking on it/select the entire sprite by dragging. 3. Click on Fill and Outline options to change the colours of the cat & outline.



FUN ZONE

Guess! who am I?

1. I add and changes the sound of the sprite.
2. I contain list of all blocks and categories.
3. I add and changes appearance of the sprite.



Critical Thinking
Technology Literacy

Sound Tab

Code Tab

Costumes Tab

Competency-based/Application-based questions



Experiential Learning
Technology Literacy

1. Your friend wants to add lion sprite in Scratch project. But she is not sure how to do so. Help your friend by telling the steps to add it.
2. Ronit needs to change the colour of cat sprite to grey in a Scratch project created by his sister. Which tab will he use to do so?

1. Click on the choose sprite option. 2. Click on the Lion sprite.

Costumes Tab

Thank
you!

