

CS3101 - COMPUTATIONAL THINKING LAB

BATCH – P

WEEK 10 – 24.11.2023

INTRODUCTION TO SCRATCH

EXECUTION & SPOT

1. Choose a Ben Sprite and perform the following.
 - a. Choose a backdrop accordingly to sports (as sprite is going to perform basketball match).
 - b. Add one more sprite (A host to say “welcome to the audience”).
 - c. Make the sprite to say “Watch my Game” for 5 seconds.
 - d. Add your favorite sports sprite related to this theme.

2. Make the Dog sprite to play sound, color change effect by 15 seconds and add change by size 5. Move the sprite 15 steps forward, turns it to 5 degrees and change by size -10. Repeat these steps for 5 times. All these should be taken when the sprite is clicked.

3. To make the Bear sprite run, repeat the following steps for 10 times.
 - a. Start the sprite sound
 - b. Turn 5 degree
 - c. Change the pitch by 15 times
 - d. Move 10 steps
 - e. Change the color effect by 10
 - f. Move 5 steps

Note:

- Each question has to save as separate scratch file.

- To save the file:
 - Click “file” icon → Save to your computer

 - Choose the location to save the file “Downloads” or “Desktop”

- To view the saved file:
 - Click “file” icon → Load from your computer

 - Choose the location to load the file “Downloads” or “Desktop”