

Project 143

143

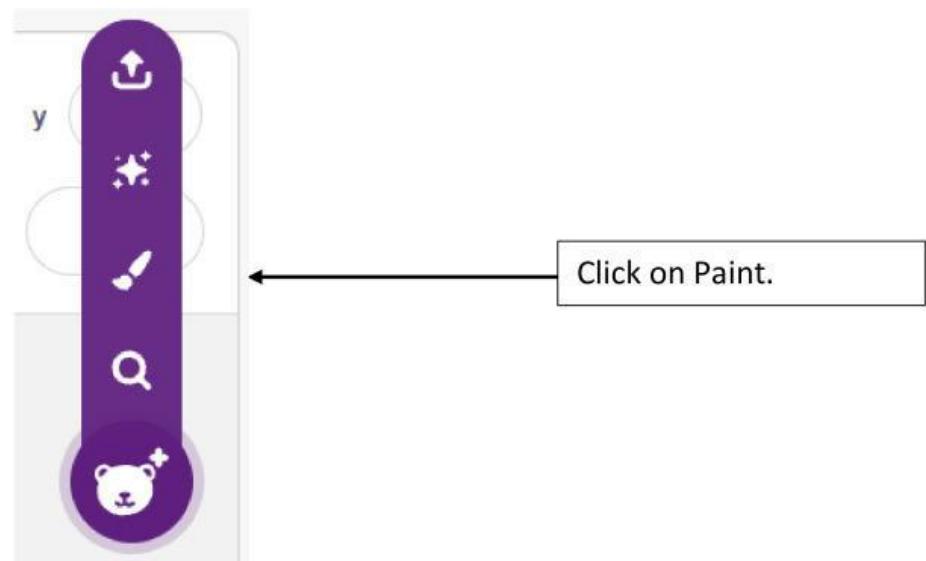


DP
EDUCATION

**Coding
School**

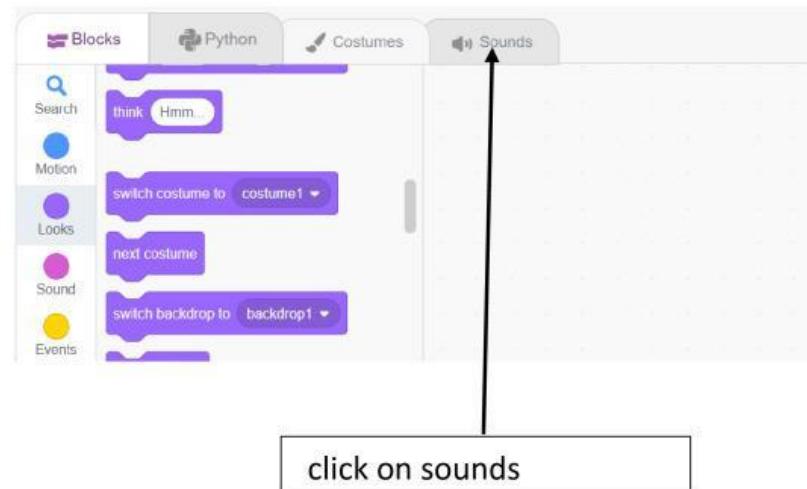


- ❖ Let's make an app to recognize your facial expressions.
- ❖ First click on paint and add a sprite.

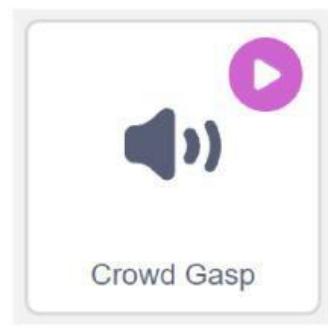
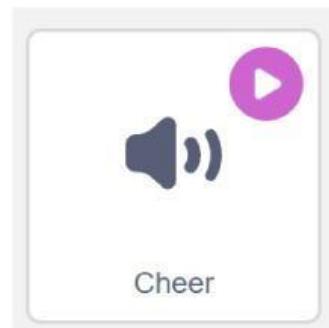


- ❖ Let's get the sound needed to prepare this one.

- First click on sounds.



- Click on Choose a sound and click on voice.
- Select Cheer and Crowd Gasp under Voice.



- Download the sad sound to your computer using the google drive link below.

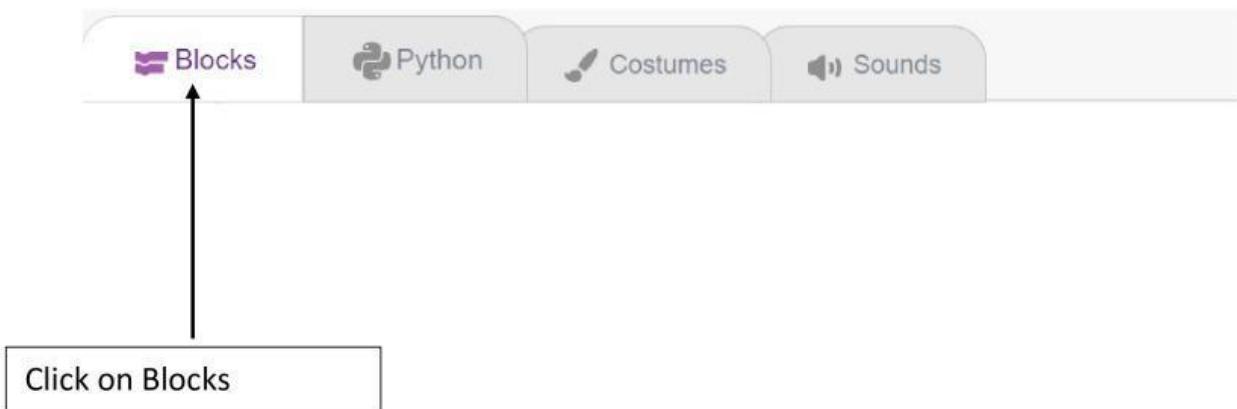
https://drive.google.com/drive/folders/1VGZ8zzYlh9IxjTpEot1abwU3mtC-wUpF?usp=drive_link



- Upload the sad sound using the sad sound that you have downloaded.

❖ Let's prepare the codes related to the app that will be created to recognize your facial expressions as follows.

❖ Let's click on Blocks and arrange them as follows.

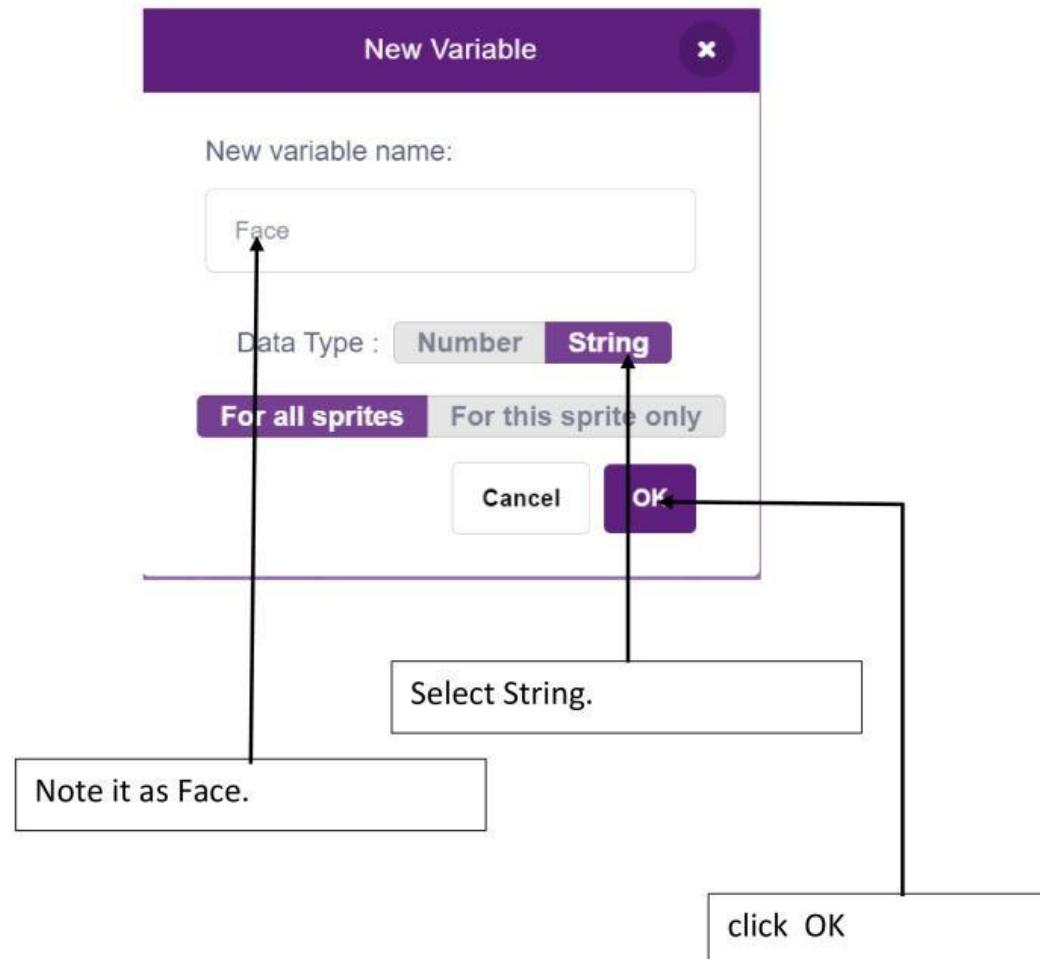


❖ Add a Face detection extension using Add extension.



❖ Prepare the code so that the following events occur when the green flag is clicked.

- Continuously analyze your image with the camera.
- Prepare the code to get the position of the face for X position and Y position.
- Set the code to make your facial expression think for 2 seconds.
- Create a variable as Face using Make a variable. Adjust that variable as follows.



- Assign facial expressions to the face variable.
- If the face variable is assigned as happy, prepare the code to play the cheer sound.
- If the face variable is assigned as surprised, prepare the code to play the crowd gasp sound.
- If the face variable is assigned as sad, prepare the code to play the sad sound.

- Below are the codes related to all the above events.

