Project 143

DP EDUCATION

Coding School

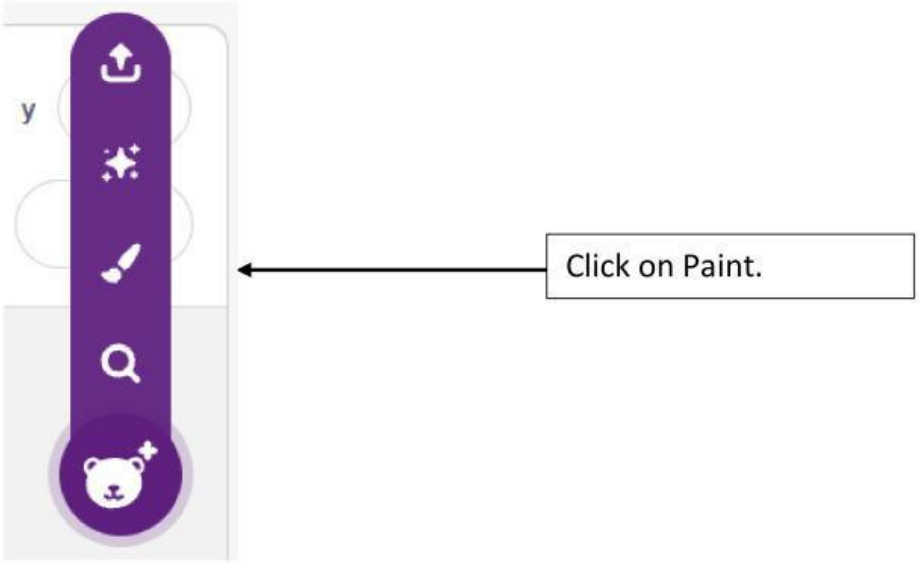


PictoBlox

LIVEWORKSHEETS

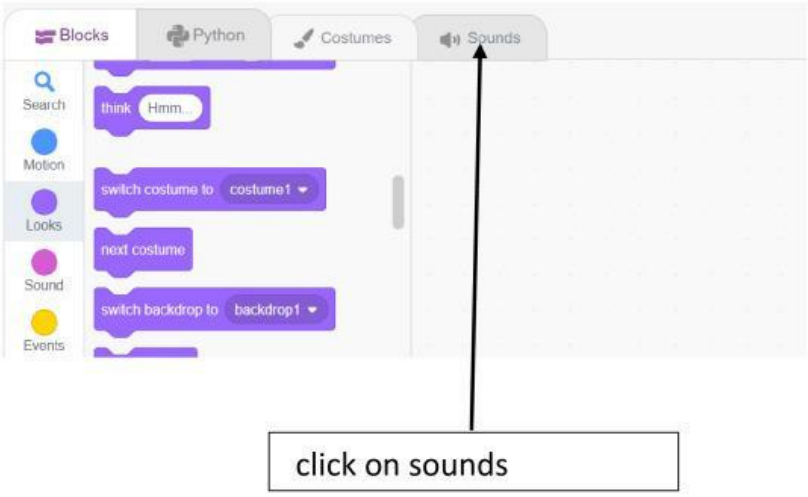
❖ Let's make an app to recognize your facial expressions.

❖ First click on paint and add a sprite.



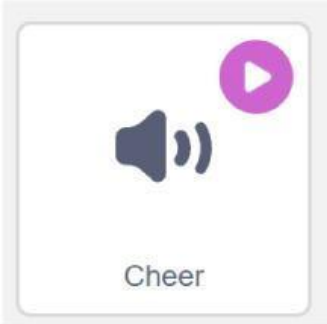
❖ Let's get the sound needed to prepare this one.

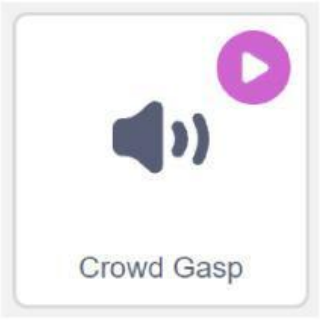
- First click on sounds.



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

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

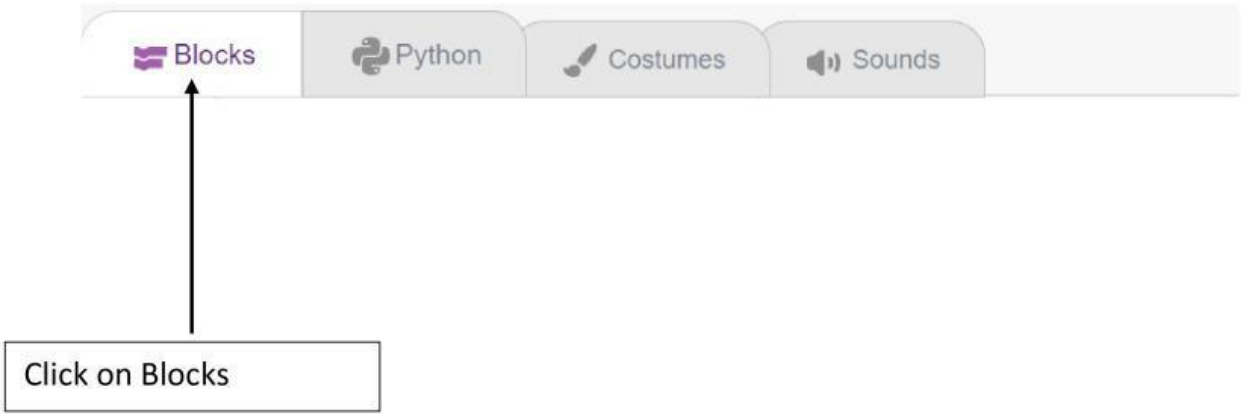
  https://drive.google.com/drive/folders/1VGZ8zzYIh9IxjTpEot1abwU3mtC-wUpF?usp=drive_link



- 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.



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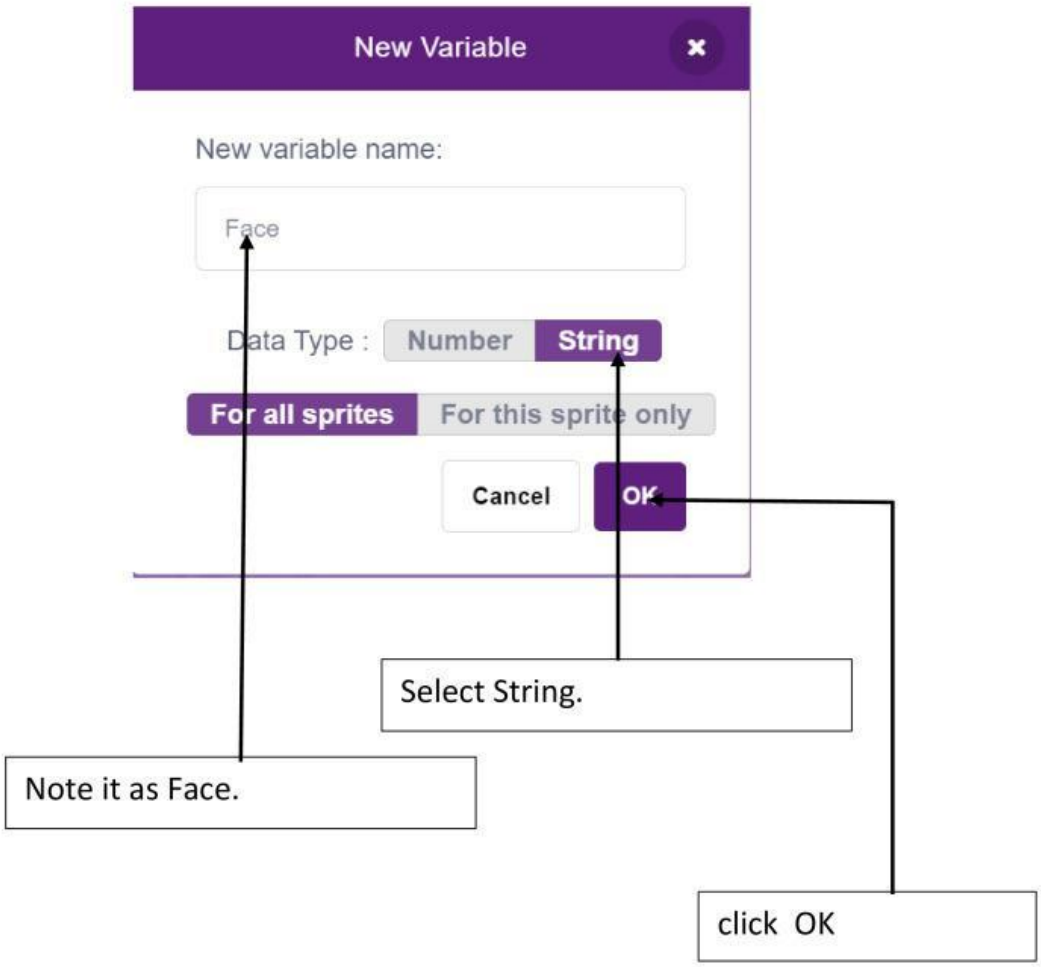
❖ Add a Face detection extension using Add extension.



❖ 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.

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• Assign facial expressions to the face variable.

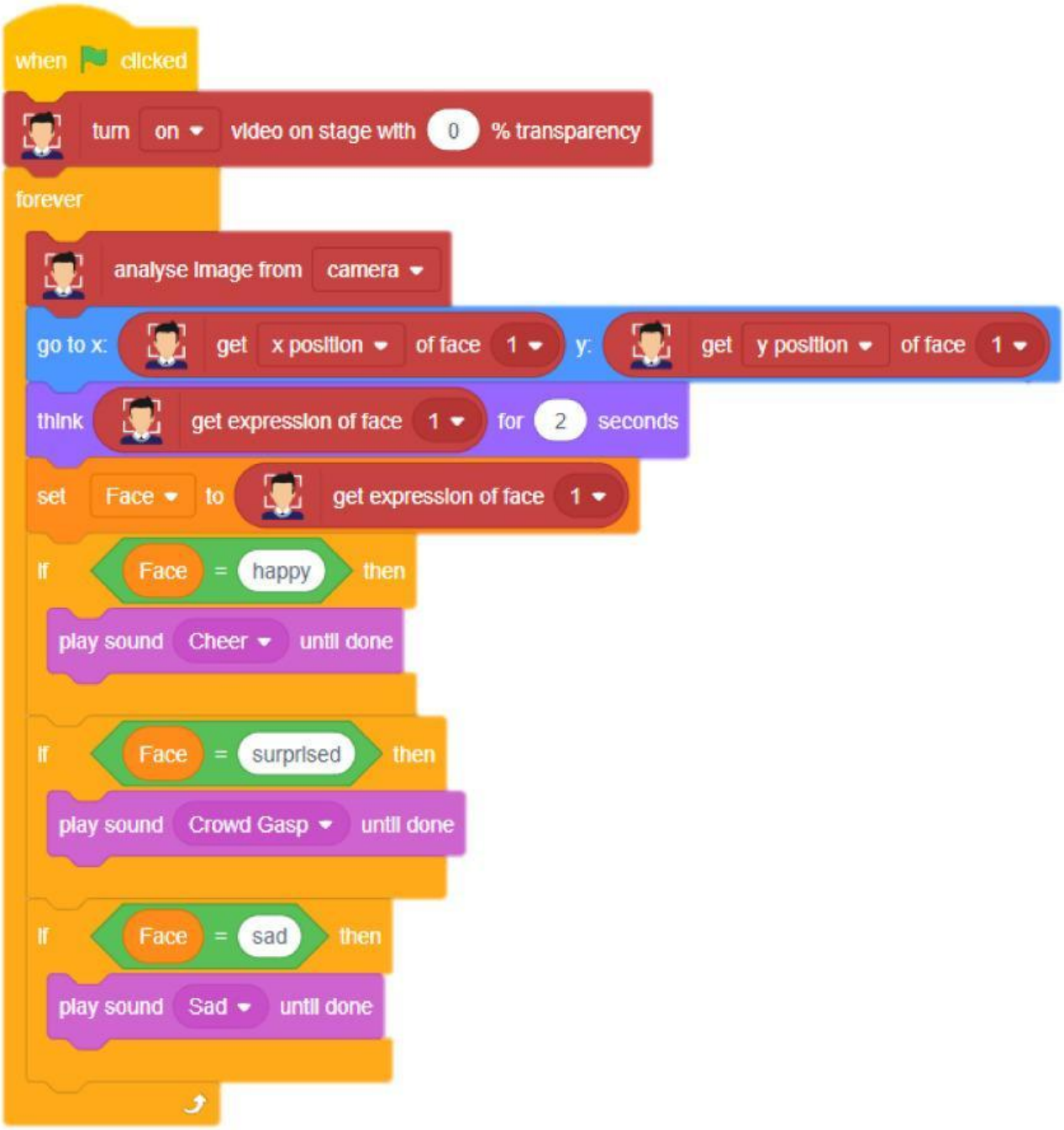
• If the face variable is assigned as happy, prepare the code to play the cheer sound.

• 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.

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



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