

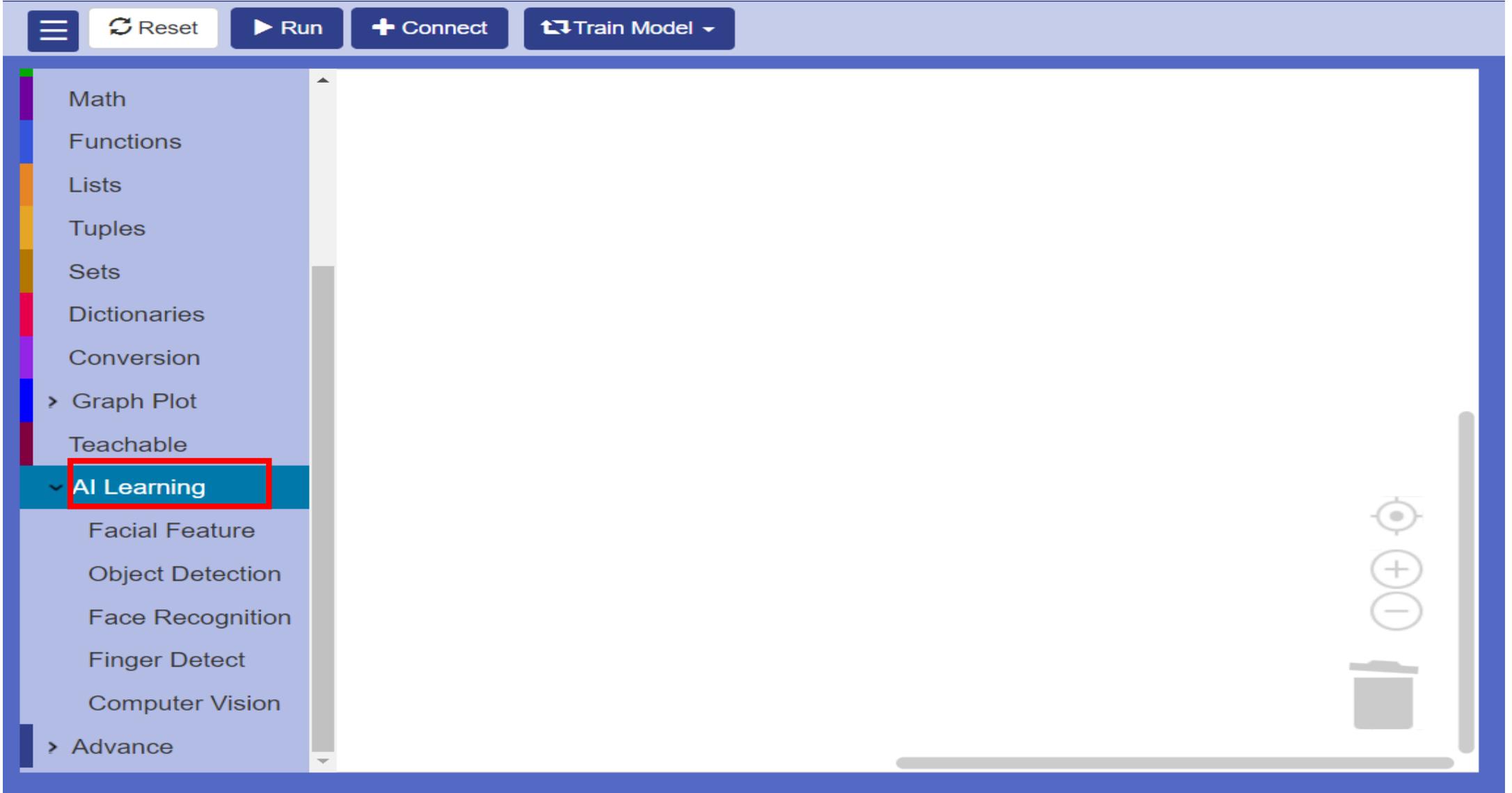


# AI Connect



# Activity: Face Count of no. of Males in given Image.

## STEP 1: Go to AI Learning



The screenshot shows the STEMROBO AI Learning interface. At the top, there is a navigation bar with buttons for 'Reset', 'Run', 'Connect', and 'Train Model'. Below this is a large menu on the left side, listing various categories: Math, Functions, Lists, Tuples, Sets, Dictionaries, Conversion, Graph Plot, Teachable, AI Learning (highlighted with a red box), Facial Feature, Object Detection, Face Recognition, Finger Detect, Computer Vision, and Advance. The main workspace on the right is currently empty, with a vertical toolbar on the right edge containing icons for zooming and deleting.

# Activity: Face Count of no. of Males in given Image.

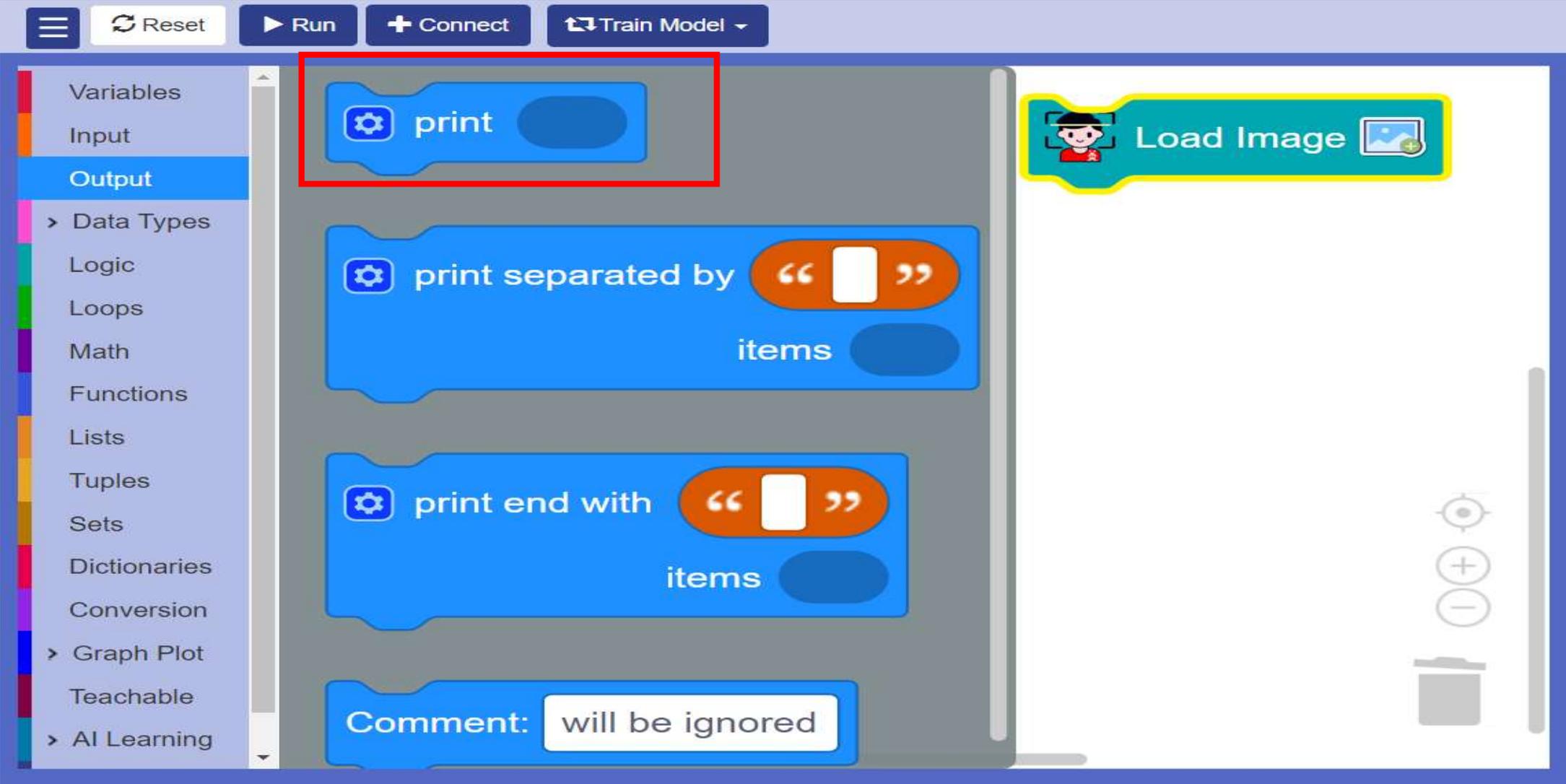
## STEP 2: Select Load Image



The screenshot displays the STEMROBO AI Learning interface. At the top, there are control buttons: a menu icon, 'Reset', 'Run', 'Connect', and 'Train Model'. On the left, a sidebar lists various categories: Math, Functions, Lists, Tuples, Sets, Dictionaries, Conversion, Graph Plot, Teachable, AI Learning (expanded), Facial Feature (highlighted), Object Detection, Face Recognition, Finger Detect, Computer Vision, and Advance. The main workspace contains several AI blocks, each featuring a robot icon and a camera icon. The 'Load Image' block is highlighted with a red rectangular border. Below it are blocks for 'Get face count', 'Get male count', 'Get happy expression count', 'Get age list', and 'Show Image with border'. A vertical toolbar on the right side of the workspace contains icons for zooming and deleting.

# Activity: Face Count of no. of Males in given Image.

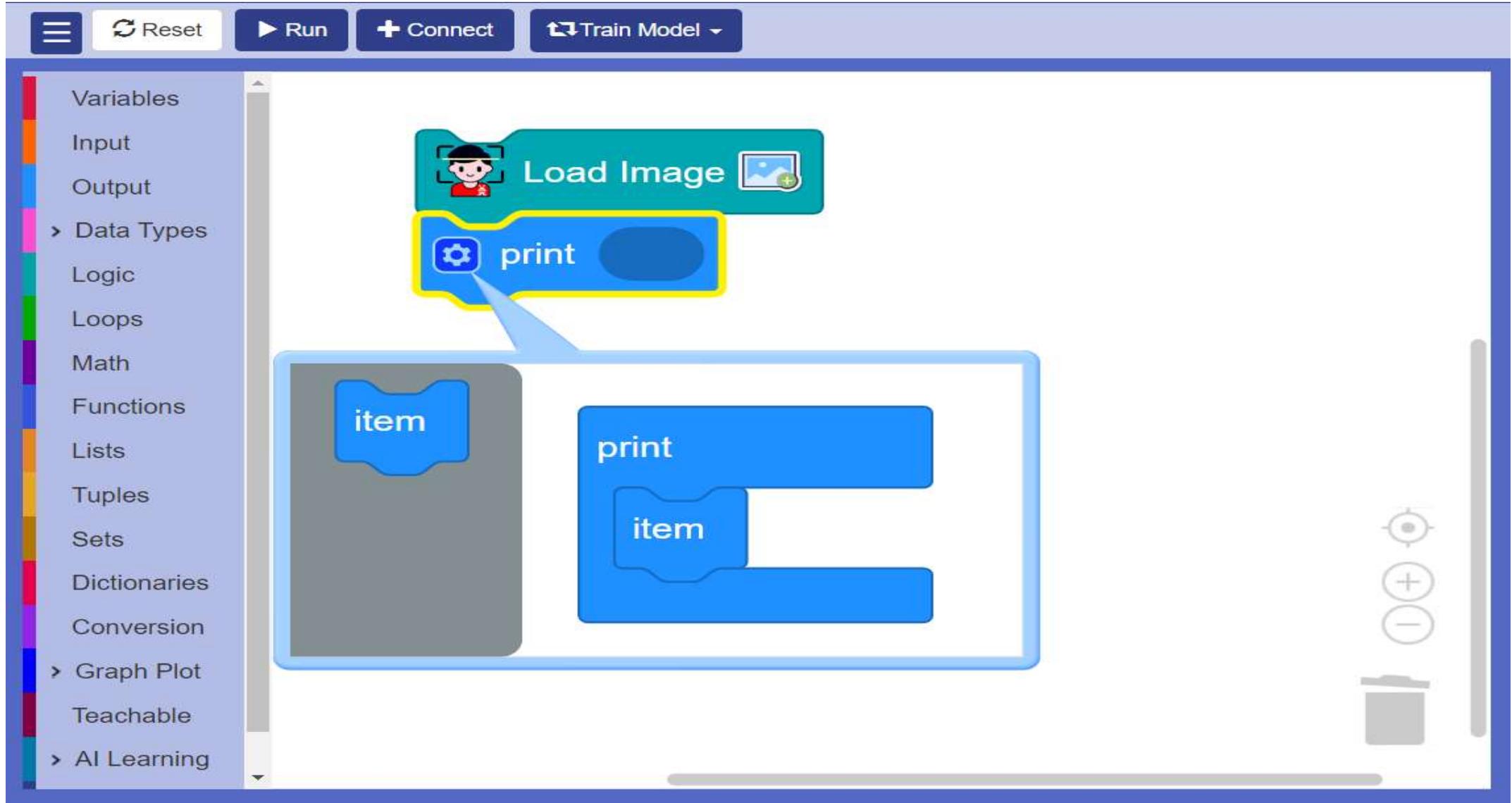
**STEP 3:** Go to Output and select **print** block.



The screenshot shows a programming environment with a top toolbar containing 'Reset', 'Run', 'Connect', and 'Train Model' buttons. On the left, a category menu is open to 'Output', listing various block types like 'Data Types', 'Logic', 'Loops', 'Math', 'Functions', 'Lists', 'Tuples', 'Sets', 'Dictionaries', 'Conversion', 'Graph Plot', 'Teachable', and 'AI Learning'. The main workspace contains a script with four blocks: a 'Load Image' block (highlighted with a yellow border), a 'print' block (highlighted with a red border), a 'print separated by' block, a 'print end with' block, and a 'Comment: will be ignored' block. The 'Load Image' block features a character icon and a plus sign. The 'print' block has a gear icon and a small oval input field. The 'print separated by' and 'print end with' blocks have gear icons, a text input field with double quotes, and an 'items' input field. The 'Comment' block has a text input field.

# Activity: Face Count of no. of Males in given Image.

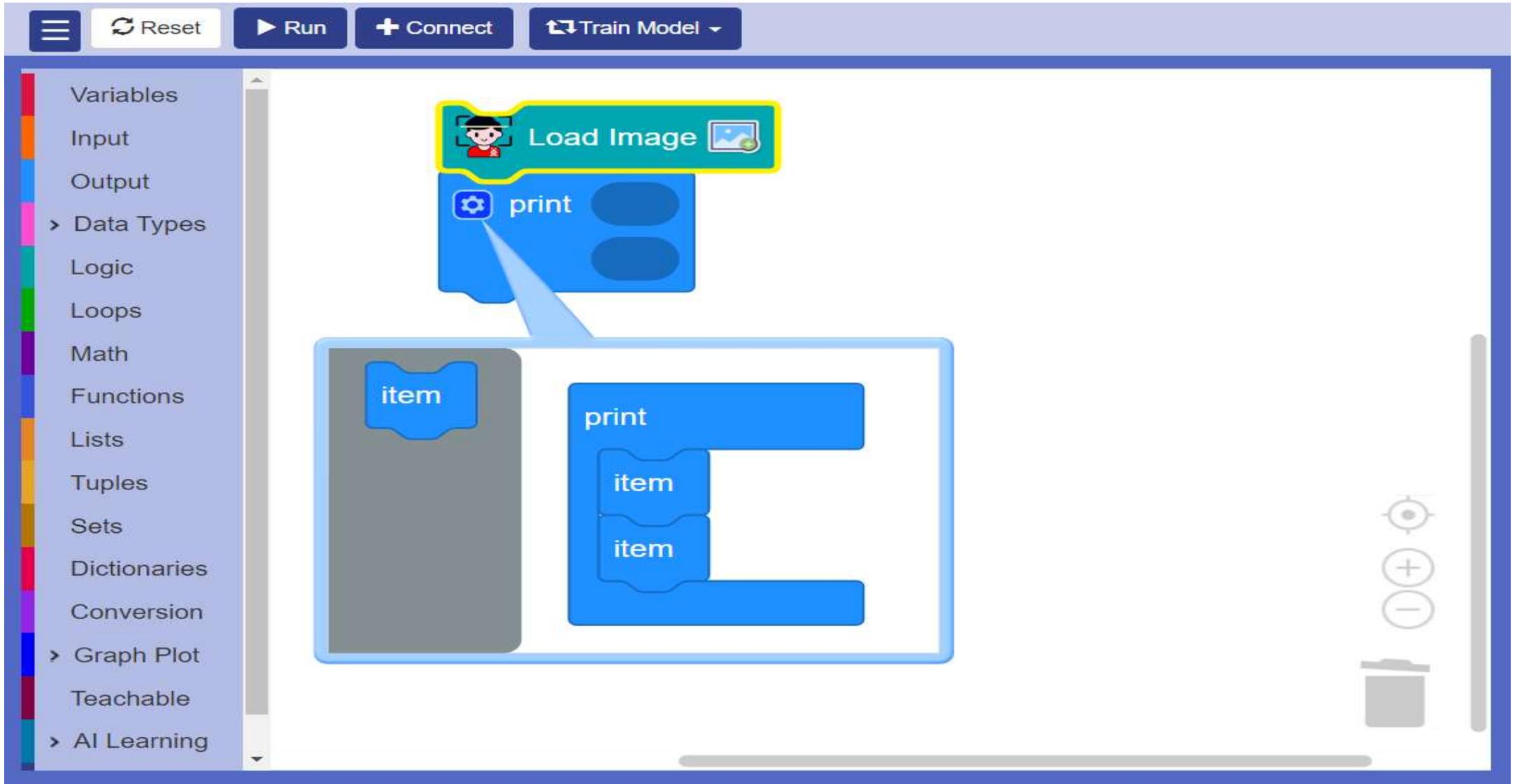
**STEP 4:** Click on Settings icon>>Drag and Drop one more item.



The screenshot shows a software interface for an AI activity. At the top, there are control buttons: a menu icon, 'Reset', 'Run', 'Connect', and 'Train Model'. On the left, a sidebar lists various programming and AI-related categories. The main workspace contains a sequence of blocks: a 'Load Image' block (teal) and a 'print' block (blue). The 'print' block is highlighted with a yellow border. A blue callout box provides a detailed view of the 'print' block, showing an 'item' slot. A blue arrow points from the 'print' block in the workspace to the 'item' slot in the callout box, indicating the step of dragging and dropping an item into the slot.

# Activity: Face Count of no. of Males in given Image.

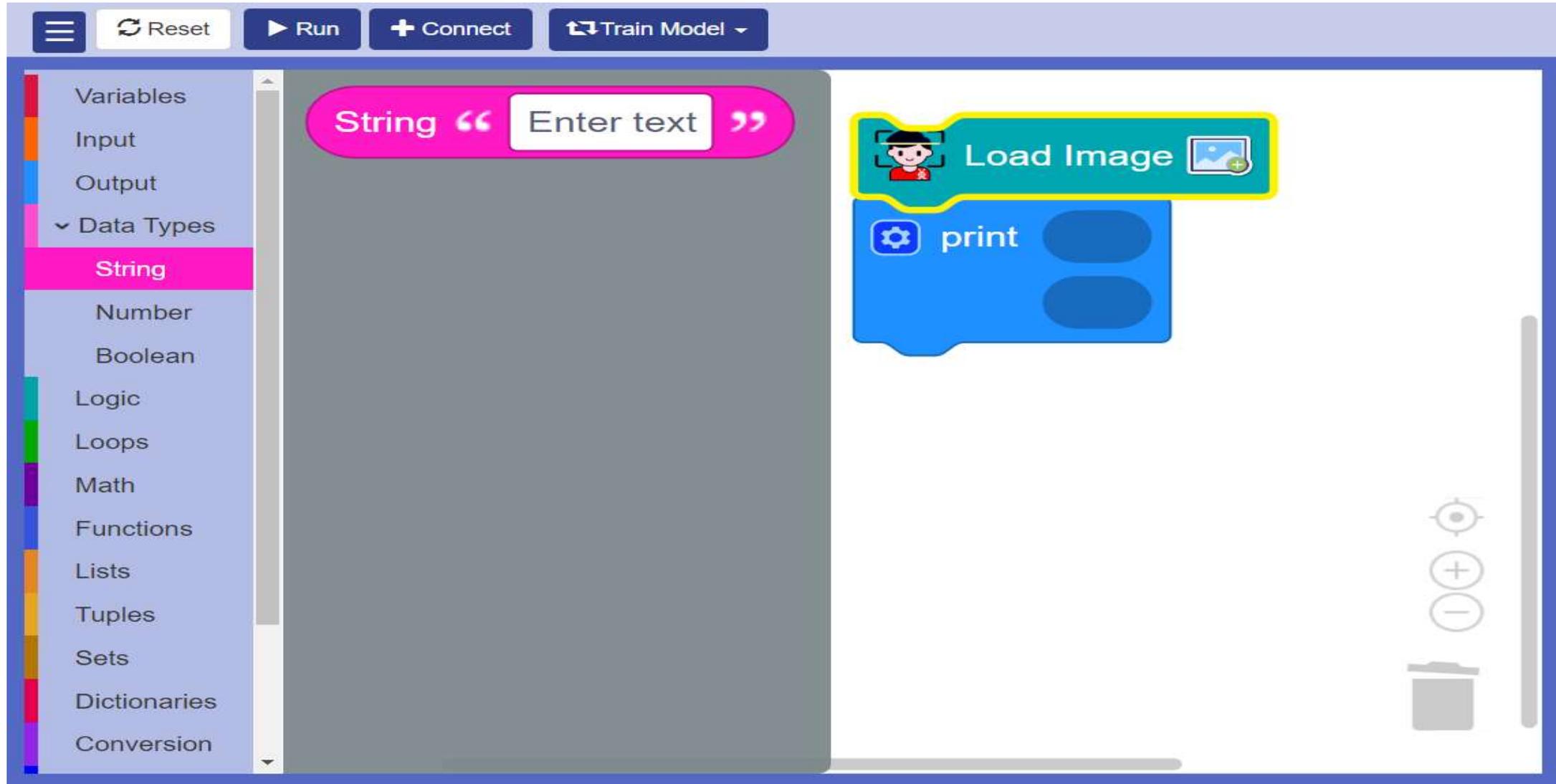
**STEP 5:** Click on settings icon again so that pop-up screen disappear.



The screenshot shows a programming interface with a top toolbar containing 'Reset', 'Run', 'Connect', and 'Train Model' buttons. On the left is a category menu with options like Variables, Input, Output, Data Types, Logic, Loops, Math, Functions, Lists, Tuples, Sets, Dictionaries, Conversion, Graph Plot, Teachable, and AI Learning. The main workspace contains a 'Load Image' block (highlighted with a yellow border) and a 'print' block below it. A settings gear icon on the 'print' block is highlighted with a blue callout box. This callout box shows a detailed view of the 'print' block, which includes an 'item' input field and a 'print' label. On the right side of the workspace, there are icons for zooming in (+), zooming out (-), and a trash can icon.

# Activity: Face Count of no. of Males in given Image.

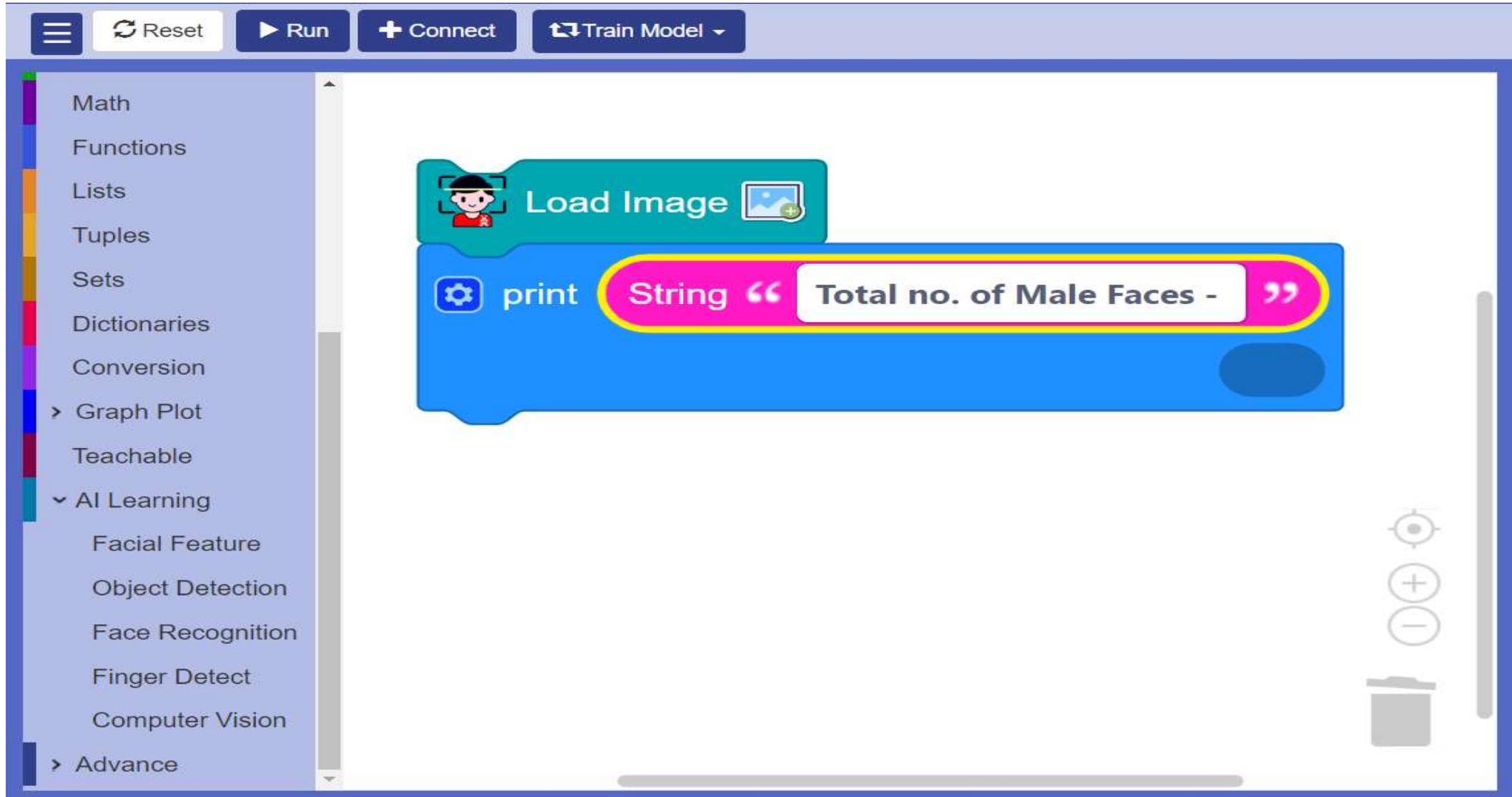
## STEP 6: Select String block



The screenshot shows a programming interface with a top toolbar containing 'Reset', 'Run', 'Connect', and 'Train Model' buttons. On the left, a 'Data Types' menu is open, listing categories like Variables, Input, Output, and Data Types. Under 'Data Types', the 'String' block is highlighted in pink. The main workspace contains a pink 'String' block with the text 'Enter text' inside a white input field. Below it, a 'Load Image' block (teal with a yellow border) and a 'print' block (blue) are visible. The 'print' block has two empty input fields. On the right side of the workspace, there are icons for a robot, a plus sign, a minus sign, and a trash can.

# Activity: Face Count of no. of Males in given Image.

**STEP 7:** Enter Text- Total no. of Male Faces.



Reset Run Connect Train Model

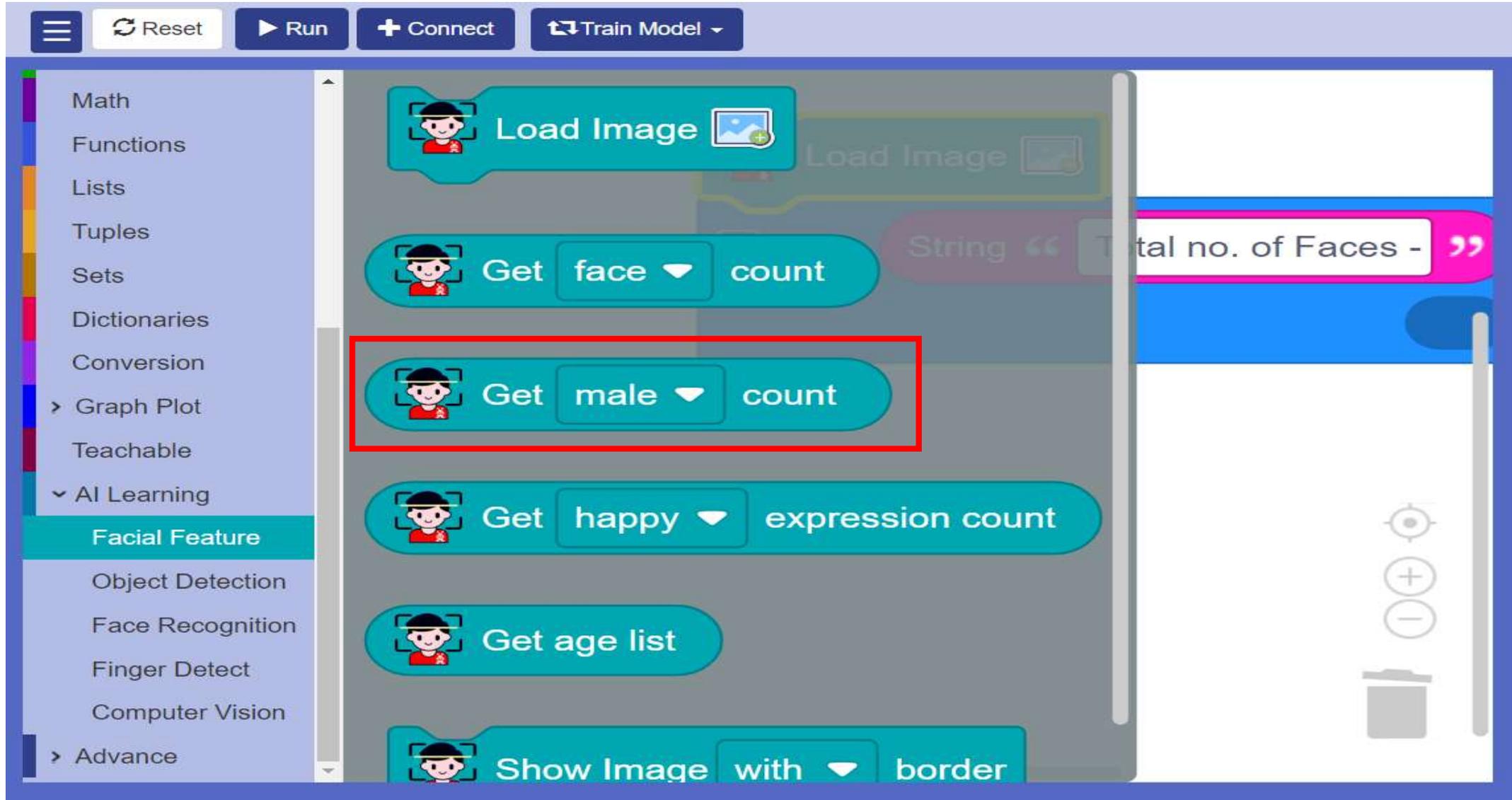
- Math
- Functions
- Lists
- Tuples
- Sets
- Dictionaries
- Conversion
- > Graph Plot
- Teachable
- ▼ AI Learning
  - Facial Feature
  - Object Detection
  - Face Recognition
  - Finger Detect
  - Computer Vision
- > Advance

Load Image

print String “ Total no. of Male Faces - ”

# Activity: Face Count of no. of Males in given Image.

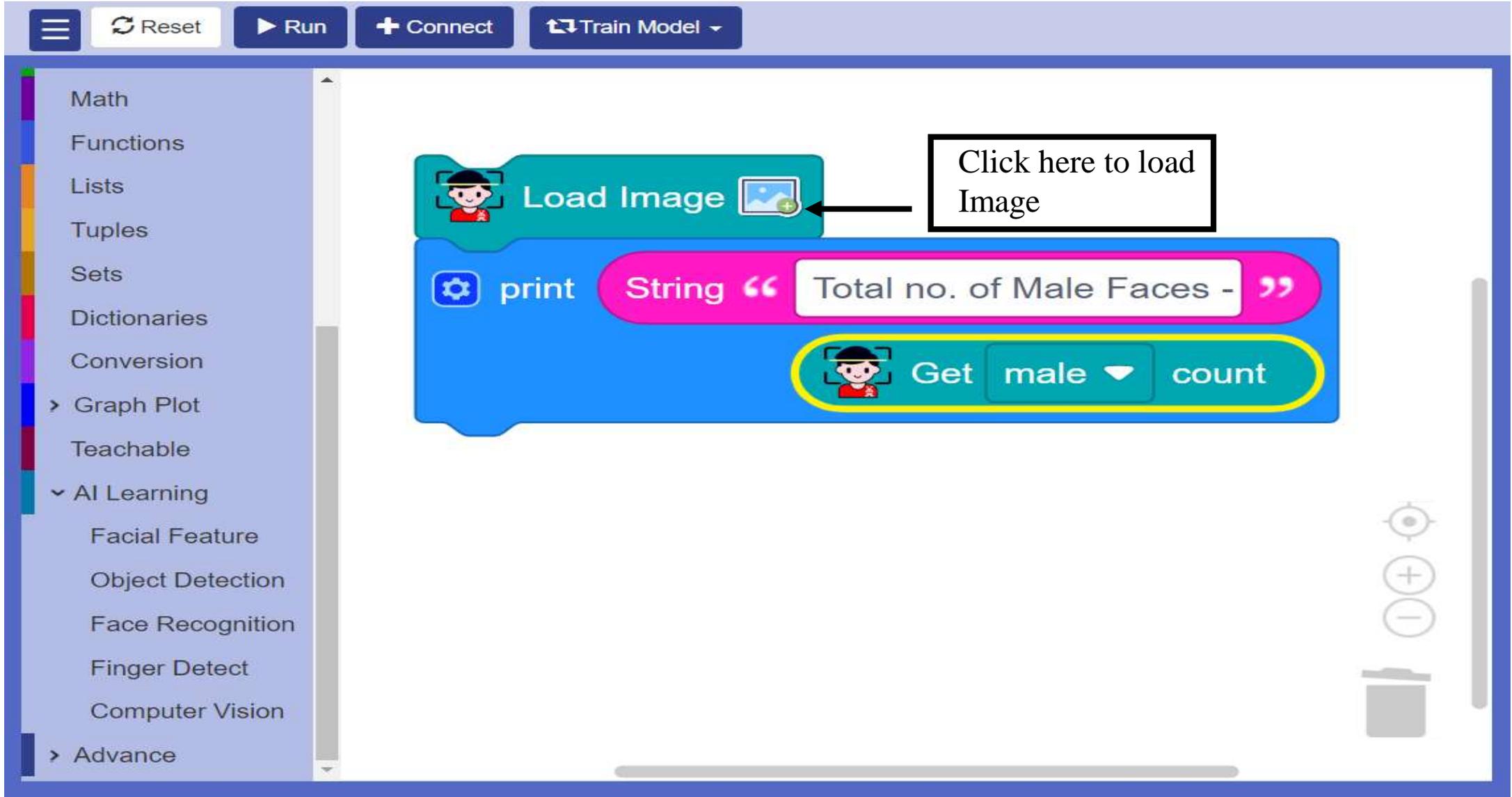
**STEP 8:** Go to AI Learning>> Facial Feature>> Select - Get male count



The screenshot displays the STEMROBO AI Learning interface. At the top, there are control buttons: 'Reset', 'Run', 'Connect', and 'Train Model'. On the left, a sidebar menu lists various categories: Math, Functions, Lists, Tuples, Sets, Dictionaries, Conversion, Graph Plot, Teachable, AI Learning, Facial Feature, Object Detection, Face Recognition, Finger Detect, Computer Vision, and Advance. The 'AI Learning' category is expanded to show 'Facial Feature', which is further expanded to show 'Get male count'. This block is highlighted with a red rectangular border. Other blocks visible in the workspace include 'Load Image', 'Get face count', 'Get happy expression count', 'Get age list', and 'Show Image with border'. On the right side, a pink text box contains the string 'Total no. of Faces -'.

# Activity: Face Count of no. of Males in given Image.

## STEP 9: Click on Load Image



Reset Run Connect Train Model

- Math
- Functions
- Lists
- Tuples
- Sets
- Dictionaries
- Conversion
- > Graph Plot
- Teachable
- AI Learning
  - Facial Feature
  - Object Detection
  - Face Recognition
  - Finger Detect
  - Computer Vision
- > Advance

Click here to load Image

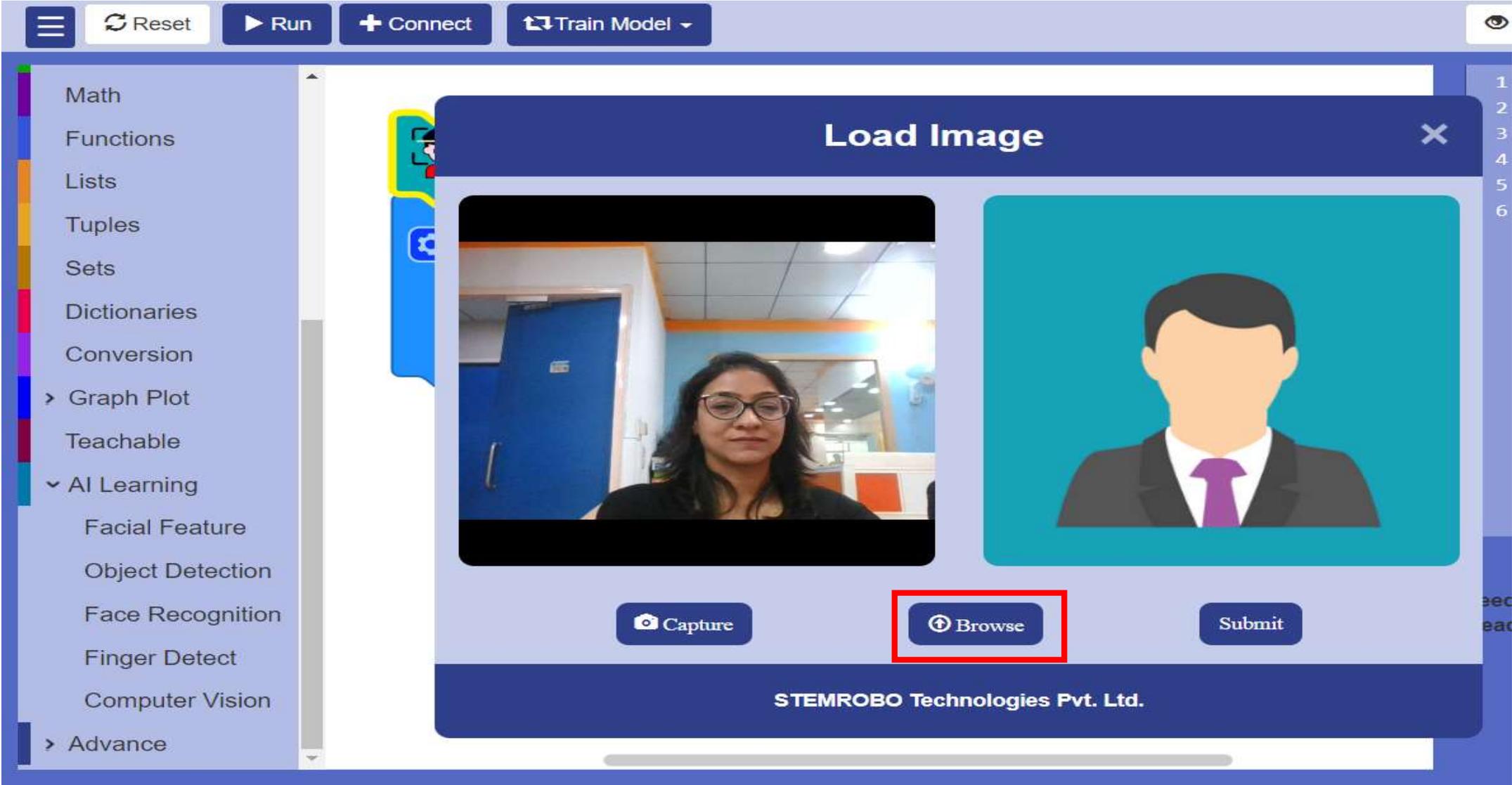
Load Image

print String " Total no. of Male Faces - "

Get male count

# Activity: Face Count of no. of Males in given Image.

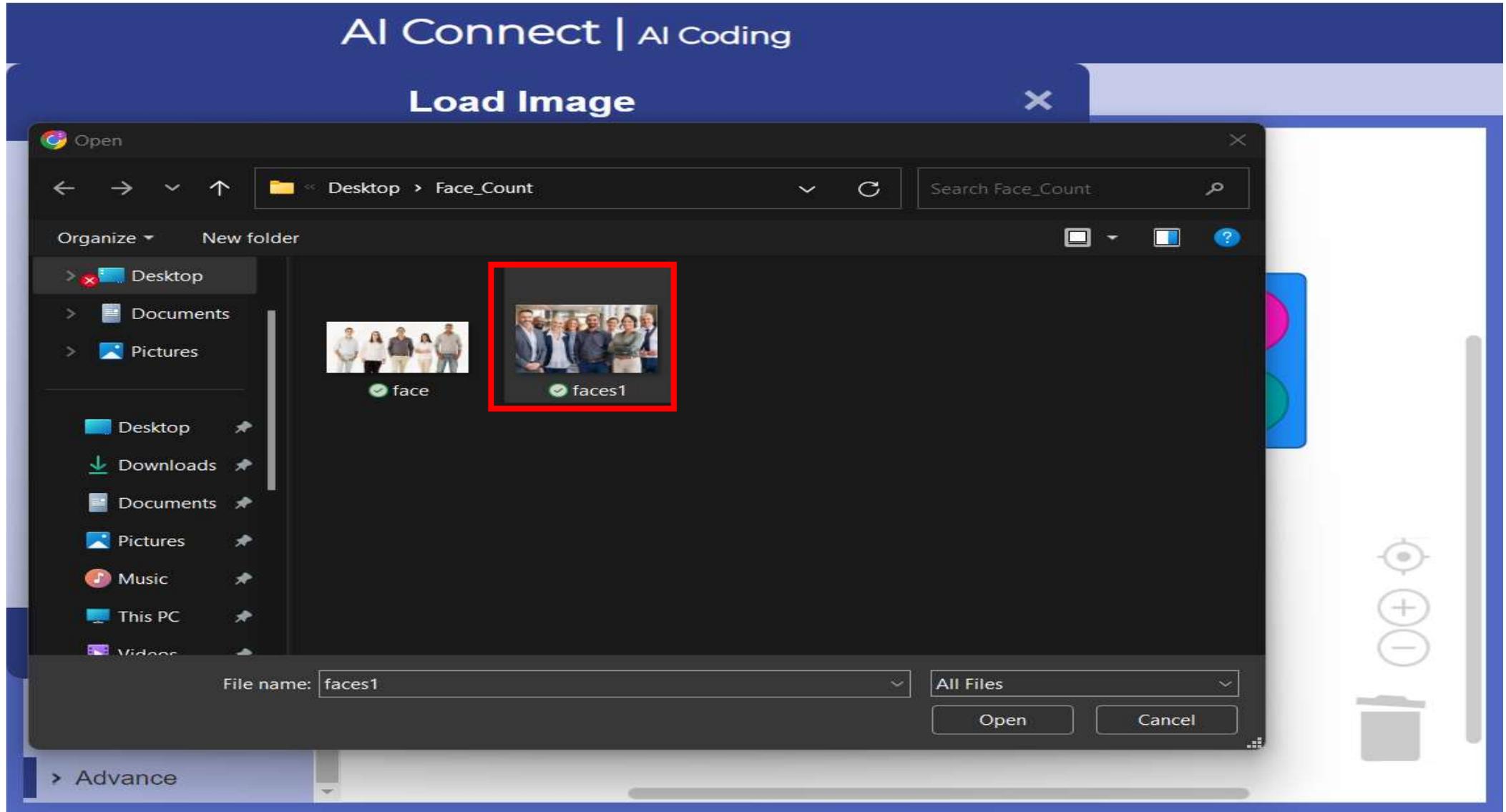
**STEP 10:** Now click on Browse



The screenshot displays the STEMROBO AI Learning interface. At the top, there is a navigation bar with buttons for 'Reset', 'Run', 'Connect', and 'Train Model'. On the left, a sidebar menu lists various AI learning topics, including 'AI Learning' which is expanded to show 'Facial Feature', 'Object Detection', 'Face Recognition', 'Finger Detect', and 'Computer Vision'. The main area shows a 'Load Image' dialog box with two image preview windows: one showing a photograph of a woman and the other showing a stylized male avatar. Below the previews are three buttons: 'Capture', 'Browse' (highlighted with a red box), and 'Submit'. The footer of the dialog box reads 'STEMROBO Technologies Pvt. Ltd.'

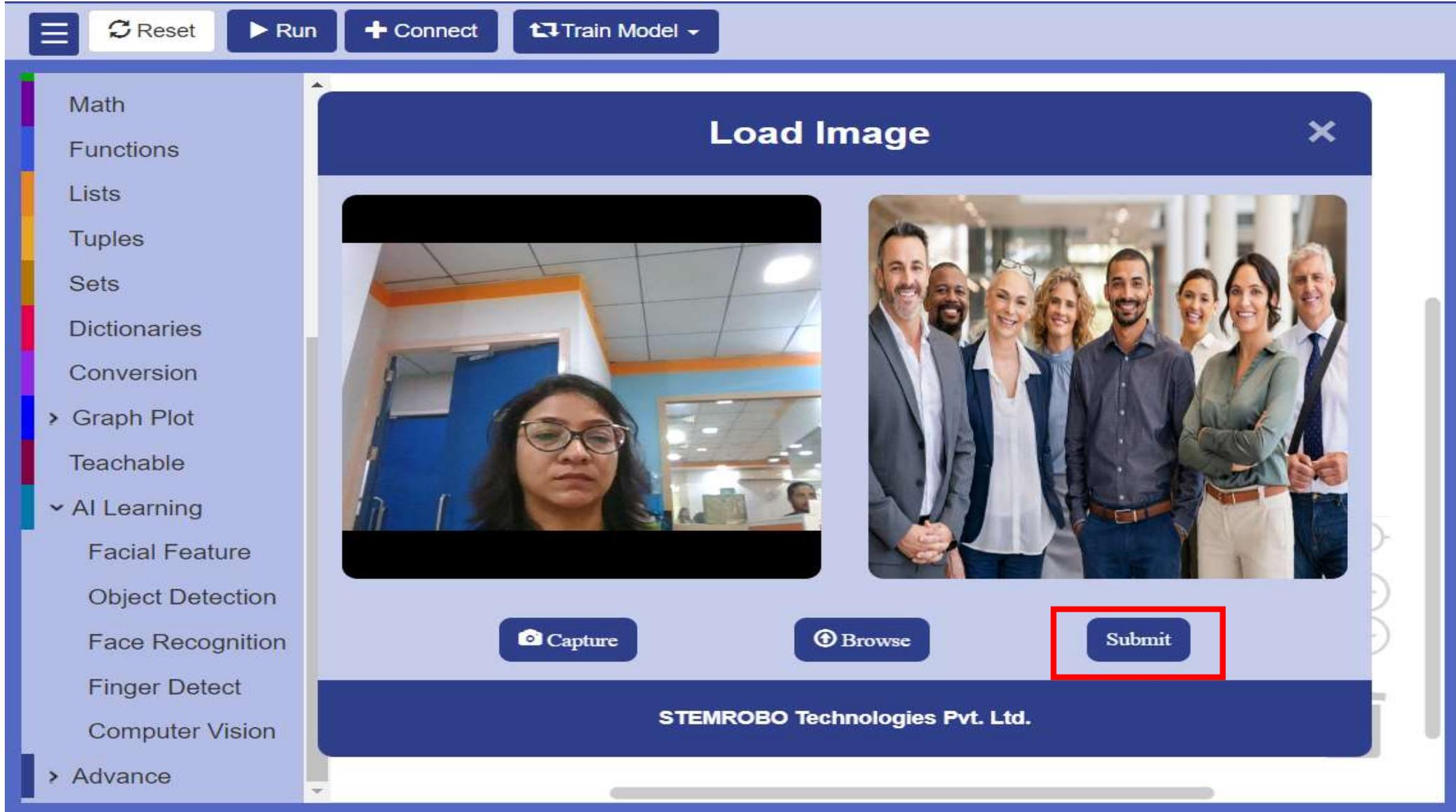
# Activity: Face Count of no. of Males in given Image.

**STEP 11:** Select the image (we are selecting image with 4 male faces).



# Activity: Face Count of no. of Males in given Image.

**STEP 12:** Now click on Submit



The screenshot displays the STEMROBO AI Learning interface. At the top, there is a navigation bar with buttons for 'Reset', 'Run', 'Connect', and 'Train Model'. On the left, a sidebar menu lists various AI and data science topics, including 'AI Learning' which is expanded to show 'Facial Feature', 'Object Detection', 'Face Recognition', 'Finger Detect', and 'Computer Vision'. The main area is titled 'Load Image' and contains two image thumbnails: a woman's face and a group of diverse professionals. Below the thumbnails are three buttons: 'Capture', 'Browse', and 'Submit'. The 'Submit' button is highlighted with a red rectangular border. At the bottom of the interface, the text 'STEMROBO Technologies Pvt. Ltd.' is visible.

# Activity: Face Count of no. of Males in given Image.

**STEP 13:** Click on  Run

The screenshot shows the STEMROBO AI Learning interface. At the top, there are control buttons: a menu icon, 'Reset', 'Run', 'Connect', and 'Train Model'. On the left, a sidebar lists various categories: Math, Functions, Lists, Tuples, Sets, Dictionaries, Conversion, Graph Plot, Teachable, AI Learning (expanded), Facial Feature, Object Detection, Face Recognition, Finger Detect, Computer Vision, and Advance. The main workspace contains a code block with the following structure:

- A teal block labeled 'Load Image' with a camera icon.
- A blue block labeled 'print' containing a pink 'String' block with the text 'Total no. of Male Faces - ' and a teal 'Get' block with a dropdown menu set to 'male' and the word 'count'.

On the right side of the workspace, there are icons for a camera, a plus sign, a minus sign, and a trash can.

# Activity: Face Count of no. of Males in given Image.

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**Output** ✕



STEMROBO Technologies Pvt. Ltd.

Finger Detect  
Computer Vision

view Code Console

```
Total no. of Male Faces - 4
```

f Male Faces - ”

male ▾ count

Feedback: **No errors**  
No errors  
No errors reported.



***Thank you!!***

