Train an image recognition model using Teachable Machine by Google.

Create a Standard Image Project.

Add two classes: A and O.

Upload training images for each class.

Train the model and evaluate its performance using the accuracy graph.

Export the trained model:

Choose TensorFlow → Keras (.h5) format.

Save the file as converted_keras.h5.

Write a Python script named teachable_machine.py that:

Loads converted_keras.h5.

Accepts an input image (11.PNG or TEST.PNG).

Predicts and displays the class label.

Add file selection and image display to the script for usability.

Run the script and test it using the image 11.PNG or TEST.PNG.

Take a screenshot of the output and save it as screenshot.pdf.

Submit the following files:

teachable_machine.py

converted_keras.h5

screenshot.pdf

11.PNG

TEST.PNG