```
images.
PROGRAM:
import cv2
def detect_faces(image_path):
  # Load Haar cascade for face detection
  face_cascade = cv2.CascadeClassifier(cv2.data.haarcascades +
'haarcascade_frontalface_default.xml')
  # Read image
  image = cv2.imread(image_path)
  # Convert to grayscale
  gray = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)
  # Detect faces
  faces = face_cascade.detectMultiScale(gray, scaleFactor=1.1, minNeighbors=5)
  # Draw rectangles around faces
  for (x, y, w, h) in faces:
    cv2.rectangle(image, (x, y), (x + w, y + h), (0, 255, 0), 2)
  # Display result
  cv2.imshow('Detected Faces', image)
  cv2.waitKey(0)
  cv2.destroyAllWindows()
# Call the function with your image path
detect_faces(r"C:\Users\harik\Downloads\CV LAB\face.jpeg")
```

27. Implement a face detection algorithm using Open CV to detect and locate human faces in the

