```
TEST THE MODEL
!unzip '/content/drive/MyDrive/IBMPROJECT/conversation engine for deaf and dumb.zip'from
tensorflow.keras.models import load_model
from tensorflow.keras.preprocessing import imageimport
numpy as np
import cv2
model = load_model('/content/Real_time.h5')
img = image.load_img('/content/Dataset/test_set/H/107.png',target_size = (100,100))img
from skimage.transform import resize
def detect(frame):
  img=image.img_to_array(frame)img
  = resize(img,(64,64,1))
  img = np.expand_dims(img,axis=0)
  pred=np.argmax(model.predict(img))op=['A','B','C','D','E','F',
  'G','H','I']
 print("THE PREDICTED LETTER IS ",op[pred])
img=image.load_img("/content/Dataset/test_set/H/107.png")detect(img)
1/1 [=======] - 0s 412ms/step
THE PREDICTED LETTER IS H
img = image.load_img('/content/Dataset/test_set/A/110.png')
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pred=detect(img)

1/1 [=======] - 0s 23ms/step

THE PREDICTED LETTER IS A
img=image.load_img('/content/Dataset/test_set/F/108.png')detect(img
1/1 [=======================] - 0s 25ms/step
THE PREDICTED LETTER IS F