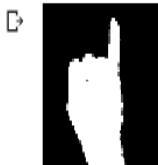


Load The Test Image ,Pre-process It and Predict

Team ID	PNT2022TMID33016
Project Name	Real time communication for specially abled powered by AI

Load the test image :

```
img = image.load_img('/content/drive/MyDrive/Dataset/test_set/1/101.png',target_size = (100,100))  
img
```



Predict the image :

```
[ ] 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/drive/MyDrive/Dataset/test_set/1/107.png")  
detect(img)
```

```
1/1 [=====] - 0s 145ms/step  
THE PREDICTED LETTER IS I
```

```
[ ] img=image.load_img("/content/drive/MyDrive/Dataset/test_set/C/107.png")  
detect(img)
```

```
1/1 [=====] - 0s 34ms/step  
THE PREDICTED LETTER IS C
```

```
[ ] img=image.load_img("/content/drive/MyDrive/Dataset/test_set/E/107.png")  
detect(img)
```

```
1/1 [=====] - 0s 29ms/step  
THE PREDICTED LETTER IS E
```