

Routing to the HTML page

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| PROJECT TITLE | AI-POWERES NUTRITION ANALYZER FOR SITNESS ENTHUSIASTS |
| MAXIMUM MARKS | 4 MARKS |

In this particular task,"index.html" is rendered .When the user uploads the image to classify on the UI, launch the second function, i.e,"/predict'

```
[12] @app.route('/')
      def index():
          return render_template("index.html")

@app.route('/predict',methods=['GET','POST'])
def upload():
    text=""
    if request.method=='POST':
        f=request.files['image']
        basepath=os.path.dirname(__file__)
        filepath=os.path.join(basepath,'uploads',f.filename)
        f.save(filepath)
        img=image.load_img(filepath,target_size=(64,64))
        x=image.img_to_array(img)
        x=np.expand_dims(x,axis=0)
        pred=np.argmax(model.predict(x),axis=1)
        #index=['APPLES', 'BANANA', 'ORANGE', 'PINEAPPLE', 'WATERMELON']
```

It will take the image request and we will be storing that image in the local system then we move to processing of the image and predict the results.