# BUILD PYTHON CODE :

```
from __future__ import division, print_function
import os
import numpy as np
from keras.preprocessing import image
from keras.models import load_model
import tensorflow as tf
from flask import Flask, request, render_template
from werkzeug.utils import secure_filename

```

```
global graph
graph=tf.get_default_graph()
# Define a flask app
app = Flask(__name__)


# Load your trained model
model = load_model("breastcancer.h5")
```

```
@app.route('/', methods=['GET'])
def index():
    # Main page
    return render_template('bcancer.html')
```

```python
@app.route('/predict', methods=['GET', 'POST'])
def upload():
    if request.method == 'POST':
        # Get the file from post request
        f = request.files['image']

        # Save the file to ./uploads
        basepath = os.path.dirname(__file__)
        file_path = os.path.join(
            basepath, 'uploads', secure_filename(f.filename))
        f.save(file_path)
        img = image.load_img(file_path, target_size=(64, 64))

        x = image.img_to_array(img)
        x = np.expand_dims(x, axis=0)

        with graph.as_default():
            preds = model.predict_classes(x)
        if preds[0][0]==0:
            text = "The tumor is benign.. Need not worry!"
        else:
            text = "It is a malignant tumor... Please Consult Doctor"
        text = text
        return text
```

```python
if __name__ == '__main__':
    app.run(debug=True,threaded = False)
```