Function to predict the disease

```
diseaselist   =   [ALL
THE           DISEASES]
symptomlist   =   [ALL
THE           SYMPTOMS]
testingsymptoms = []

    #append zero in all coloumn
    fields...for x in range(0,
    len(symptomslist)):
      testingsymptoms.append(0)

    #update 1 where symptoms gets
    matched...for k in range(0,
    len(symptomslist)):
        for z in psymptoms:
            if (z == symptomslist[k]):
                testingsymptoms[k] = 1

    inputtest = [testingsymptoms]

    print(inputtest)
    predicted = model.predict(inputtest)
    print("predicted disease is :
    ")print(predicted)

    y_pred_2 = model.predict_proba(inputtest)
    confidencescore=y_pred_2.max() * 100
    print(" confidence score of : = {0}".format)

    confidencescore = format(confidencescore,
    '.0f')predicted_disease = predicted[0]
```