Phishing Detection

```
Import numpy as np

    from sklearn.ensemble import RandomForestClassifier as rfc from
    sklearn.model_selection import train_test_split

import feature extraction

    def getResult(url):

#Importing dataset

    data= np.loadtxt("dataset.csv", delimiter = "")

#Seperating features and labels

    X = data[:, -1]
    y = data[:, -1]

#Seperating training features, testing features, training labels & testing labels
x_train, x_test, y_train, y_test train_test_split(x, y, test_size = 0.2)

clf- rfc()
clf.fit(x_train, y_train) score clf.score(x_test, y_test)
print(score 100)
```

```
X_new = []
X input url
X_new-feature extraction.generate_data_set(X_input)
X new np.array(X_new).reshape(1,-1)

try:

prediction clf.predict(X_new)

 if prediction -1:

        return "Phishing Url"
else:
        return "Legitimate Url"
except:
        return "Phishing Url"
```