In [16]:
```
#Importing the necessary libraries
from sklearn.datasets import load_breast_cancer
from sklearn.model_selection import train_test_split
from sklearn.naive_bayes import GaussianNB
from sklearn.metrics import accuracy_score
import pandas as pd
import numpy as np
```

In [19]:
```
#Load the breast cancer Dataset
cancer = load_breast_cancer()
X= cancer.data
y= cancer.target
```

In [20]:
```
#Split the train and test with 0.2 ratio
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2, random_state=100)
gnb = GaussianNB()
y_pred = gnb.fit(X_train, y_train).predict(X_test)
accuracy = accuracy_score(y_test,y_pred)
```

In [21]:
```
#Display the actulual,predicted,Accuracy
print("actual : "+str(np.array(y_test)))
print("predicted : "+str(y_pred))
print("Accuracy : "+str(accuracy))
```

```
actual : [0 1 0 1 1 1 0 0 0 1 1 0 0 0 1 0 0 1 1 1 1 1 0 0 0 0 1 1 1 1 1 1 1 0 0 1 1
 1 1 0 0 1 1 0 1 0 1 1 1 1 0 1 1 0 1 1 1 0 1 1 0 0 1 1 0 1 0 0 1 0 0 1 0 0
 1 1 1 0 0 1 1 0 0 0 1 0 0 1 0 1 1 1 1 0 1 0 0 1 0 0 0 0 1 1 1 1 1 1 1 1 0
 1 0 1]
predicted : [0 1 0 1 1 1 0 0 1 1 1 0 0 0 1 1 1 1 1 1 0 1 0 0 0 0 1 1 1 1 1 1 1 0 0 1 1
 1 1 0 0 1 1 0 1 0 1 1 1 1 1 1 1 0 1 0 1 0 0 1 0 0 1 1 0 1 0 0 1 0 0 1 0 0
 1 1 1 0 0 1 1 0 0 0 1 0 0 1 0 1 1 1 1 0 1 0 0 1 0 1 0 0 1 1 1 1 1 1 1 1 0
 1 0 1]
Accuracy : 0.9298245614035088
```