

[illegible]

```
from sklearn.model_selection import train_test_split
```

```
X_train, X_test, y_train, y_test = train_test_split(wine.data,wine.target,test_size=0.3,random_state=109)
```

```
from sklearn.naive_bayes import GaussianNB
```

```
gnb=GaussianNB()
```

```
gnb.fit(X_train,y_train)
```

▼ GaussianNB

GaussianNB()

```
y_pred=gnb.predict(X_test)
```

```
print("Y predicted values: ", y_pred)
```

```
Y predicted values:  [0 0 1 2 0 1 0 0 1 0 2 2 2 2 0 1 1 0 0 1 2 1 0 2 0 0 1 2 0 1 2 1 1 0 1 1 0
 2 2 0 2 1 0 0 0 2 2 0 1 1 2 0 0 2]
```

```
from sklearn import metrics
```

```
print("Accuracy: ", metrics.accuracy_score(y_test, y_pred))
```

```
Accuracy:  0.9074074074074074
```

```
n = input("Enter a postive number")
```

```
a=0
```

```
b=1
```

```
if ()
```