

In [59]:

```
# predict a new data using Logistic Regression
```

```
age=input("age:= ")
gender=input("gender:= ")
Tb=input("total bilirubin:= ")
db=input("Direct bilirubin:= ")
Aph=input("Alkaline_phosphate:= ")
AlAm=input("Alamine_Aminotransferase:= ")
AsAm=input("Aspartet_Aminotransferase:= ")
TP=input("Total_Protiens:= ")
Albu=input("Albumin:= ")
AlGlratio=input("Albumin and Globulin ratio:= ")
predict = lr.predict([[age,gender,Tb,db,Aph,AlAm,AsAm,TP,Albu,AlGlratio]])
print("\noutcomes is: ",predict)
```

```
age:= 65
gender:= 2
total bilirubin:= 0.7
Direct bilirubin:= 0.1
Alkaline_phosphate:= 187
Alamine_Aminotransferase:= 16
Aspartet_Aminotransferase:= 18
Total_Protiens:= 6.8
Albumin:= 3.3
Albumin and Globulin ratio:= 0.9
```

```
outcomes is: [1]
```

```
C:\Users\Vicky kumar\AppData\Local\Programs\Python\Python39\lib\site-package
s\sklearn\base.py:566: FutureWarning: Arrays of bytes/strings is being conve
rted to decimal numbers if dtype='numeric'. This behavior is deprecated in
0.24 and will be removed in 1.1 (renaming of 0.26). Please convert your data
to numeric values explicitly instead.
```

```
X = check_array(X, **check_params)
```

In []: