======================================
Confusion Matrix: [[40 0 0] [0 26 4] [0 0 50]]
a.Accuracy: 0.9666666666666666666666666666666666666
======================================
a. Random Oversampling: Confusion Matrix: [[50 0 0] [0 47 3] [0 1 49]] Accuracy: 0.973333333333333
b. SMOTE Oversampling: Confusion Matrix: [[50 0 0] [0 46 4] [0 0 50]] Accuracy: 0.97333333333333
c. ADASYN Oversampling: Handling run-time error: Not any neigbours belong to the majority class. This case will induce a NaN case with a division by zero. ADASYN is not suited for this specific dataset. Use SMOTE instead.
Using SMOTE instead: Confusion Matrix: [[50 0 0] [0 46 4] [0 1 49]] Accuracy: 0.966666666666667
======================================
a. Random Undersampling: Confusion Matrix:

[[30 0 0] [0 28 2]

[0 0 30]]

Accuracy: 0.9777777777777777

b. Cluster Undersampling:

Confusion Matrix:

[[30 0 0]

[028 2]

[0 0 30]]

c. Tomek Undersampling:

Confusion Matrix:

[[40 0 0]

[0264]

[0 049]]

Accuracy: 0.9663865546218487