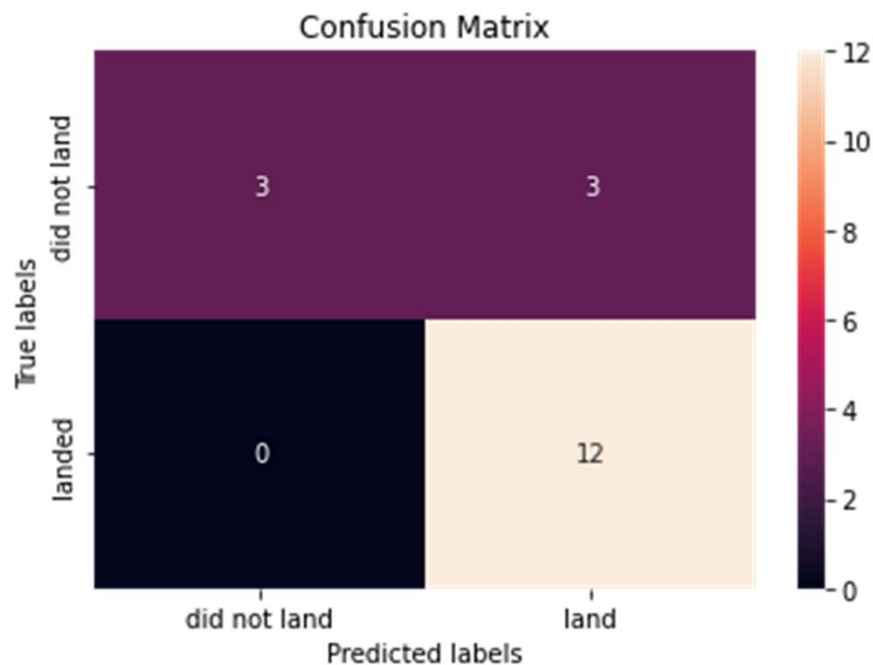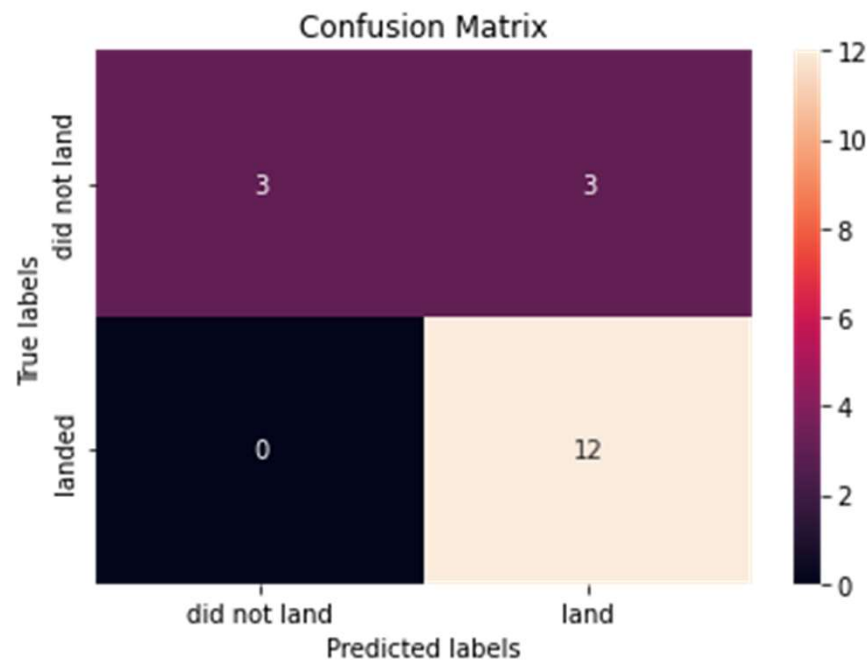# Predictive analysis (classification) results

The accuracy of the test data using the method score confusion matrix (GridSearchCV)
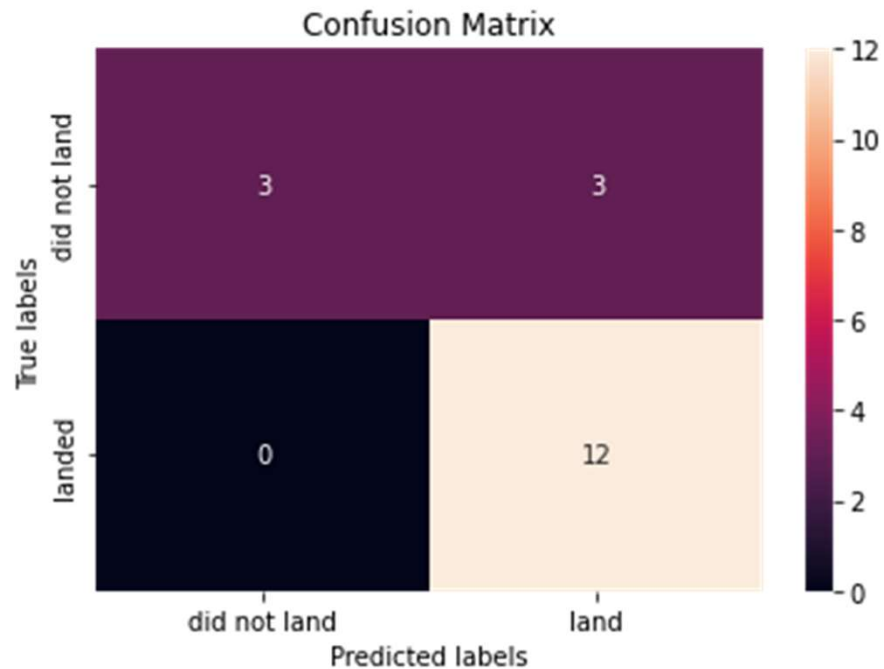
Predictive analysis (classification) results

The accuracy of the test data using the method score confusion matrix (svm_cv)

Predictive analysis (classification) results

The accuracy of the test data using the method score confusion matrix (tree_cv)

Predictive analysis (classification) results

Find the method performs best:

```
In [30]:  ▶  print('Accuracy for Logistics Regression method:', logreg_cv.score(X_test, Y_test))
             print( 'Accuracy for Support Vector Machine method:', svm_cv.score(X_test, Y_test))
             print('Accuracy for Decision tree method:', tree_cv.score(X_test, Y_test))
             print('Accuracy for K nearsdt neighbors method:', knn_cv.score(X_test, Y_test))
```

```
Accuracy for Logistics Regression method: 0.8333333333333334
Accuracy for Support Vector Machine method: 0.8333333333333334
Accuracy for Decision tree method: 0.6666666666666666
Accuracy for K nearsdt neighbors method: 0.8333333333333334
```