Output Screen Shot:

39110636

1) Write python code to find the Least Common Multiple among given two numbers

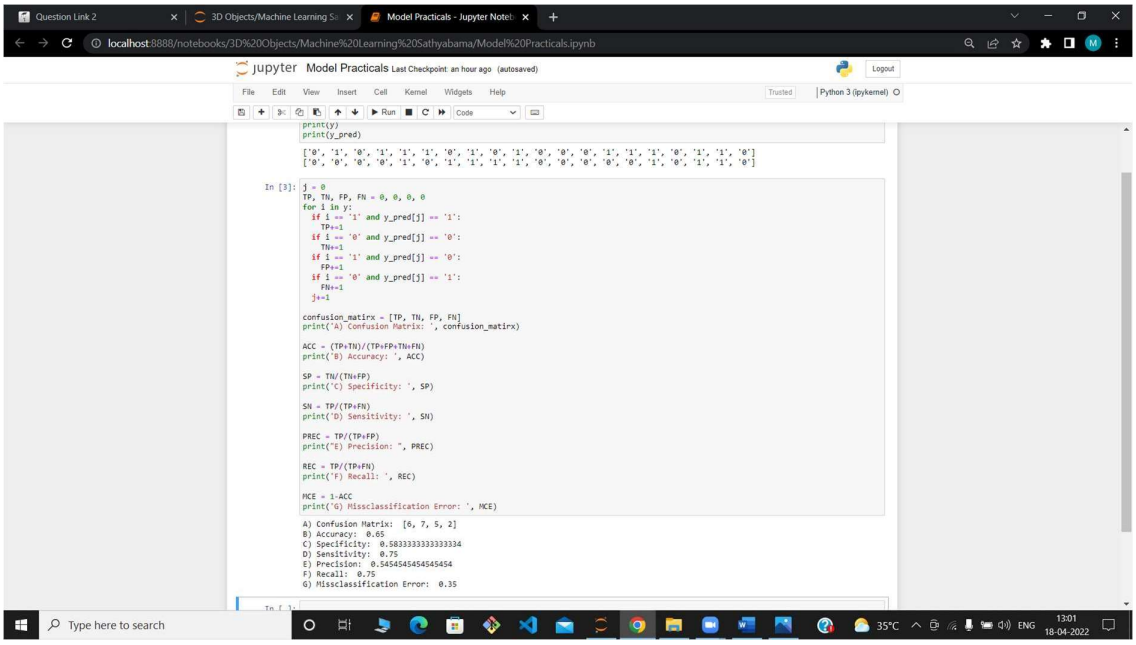
	Input	Expected	Got	
✔	54 24 The L.C.M. is 216	54 24 The L.C.M. is 216	54 24 The L.C.M. is 216	✔
✔	568 928 The L.C.M. is 65888	568 928 The L.C.M. is 65888	568 928 The L.C.M. is 65888	✔
✔	8 7 The L.C.M. is 56	8 7 The L.C.M. is 56	8 7 The L.C.M. is 56	✔

Passed all tests! ✔

2) Evaluating the Results of Machine Learning Algorithms
Read Actual values Vs Predicted Values from the User.
Compute the following:
A) Confusion Matrix
B) Accuracy
C) Specificity
D) Sensitivity
E) Precision
F) Recall
G) Misclassification Error

```
In [1]: y = ['0', '1', '0', '1', '1', '1', '0', '1', '0', '1', '0', '0', '0', '1', '1', '1', '0', '1', '1', '0']
        y_pred = ['0', '0', '0', '0', '1', '0', '1', '1', '1', '1', '0', '0', '0', '0', '0', '1', '0', '1', '1', '0']
        print(y)
        print(y_pred)

['0', '1', '0', '1', '1', '1', '0', '1', '0', '1', '0', '0', '0', '1', '1', '1', '0', '1', '1', '0']
['0', '0', '0', '0', '1', '0', '1', '1', '1', '1', '0', '0', '0', '0', '0', '1', '0', '1', '1', '0']
```




```
A) Confusion Matrix:  [6, 7, 5, 2]
B) Accuracy:  0.65
C) Specificity:  0.5833333333333334
D) Sensitivity:  0.75
E) Precision:  0.5454545454545454
F) Recall:  0.75
G) Missclassification Error:  0.35
```