

DAILY ONLINE ACTIVITIES SUMMARY

Date:	05-7-20	Name:	Pragathi h d
Sem & Sec	8 sem B sec	USN:	4AL16CS066
Online Test Summary			
Subject	sms		
Max. Marks		Score	
Certification Course Summary			
Course	Java programming		
Certificate Provider	Learning academy	Duration	5.00hrs
Coding Challenges			
Problem Statement: finding missing number			
Status: Solved			
Uploaded the report in Github		Uploaded	
If yes Repository name		Pragathijain	
Uploaded the report in slack		yes	

Online Test Details: (Attach the snapshot and briefly write the report for the same)

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

COURSE



Coding

Program
1)
Program
to
multiply
two
matrices
using
nested
loops

```
# 3x3 matrix
X = [[12,7,3],
      [4 ,5,6],
      [7 ,8,9]]
# 3x4 matrix
Y = [[5,8,1,2],
```

```

        [6,7,3,0],
        [4,5,9,1]]
# result is 3x4
result =
[[0,0,0,0],

[0,0,0,0],

[0,0,0,0]]

for i in
range(len(X)):
    # iterate
    through columns
    of Y
    for j in
    range(len(Y[0])):
        # iterate
        through rows of Y
        for k in
        range(len(Y)):

result[i][j] +=
X[i][k] * Y[k][j]

for r in result:
    print(r)

```

Output

```

[114, 160, 60,
27]
[74, 97, 73, 14]
[119, 157, 112,
23]

```


