DAILY ONLINE ACTIVITIES SUMMARY

Date:	**06/06/2020**	**Name:**	**KIRAN K**
Sem & Sec	**8th A**	**USN:**	**4AL16CS046**

Online Test Summary

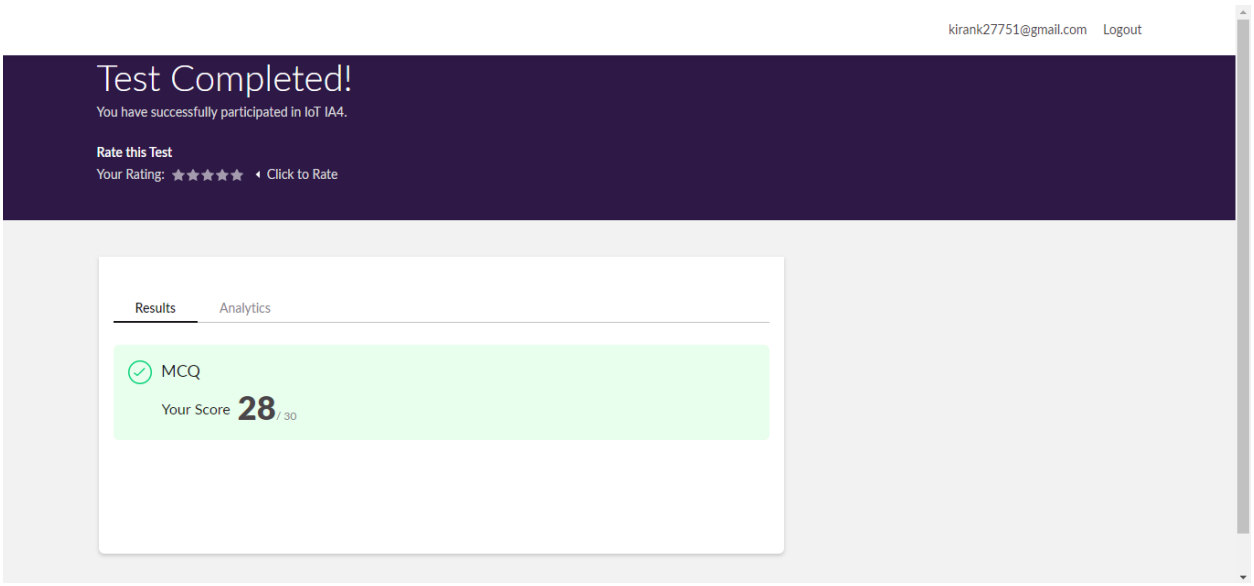
Subject	**IOT IV IA**		
Max. Marks	**30**	**Score**	**28**

Certification Course Summary

Course	**Intro to AWS step functions**		
Certificate Provider	**Great learning**	**Duration**	**Mins 10**

Coding Challenges

Problem Statement: Multiplying matrices	
Status: COMPLETED	
Uploaded the report in Github	**YES**
If yes Repository name	**KiranK27751**
Uploaded the report in slack	**YES**



Certification Course Details:

Coding Challenges Details

```
Multiply matrices
c = input("Enter a character: ")
  # 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]]

# iterate through rows of X
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)
print("The ASCII value of '" + c + "' is",ord(c))
```

```
Enter a character: 5
[114, 160, 60, 27]
[74, 97, 73, 14]
[119, 157, 112, 23]
The ASCII value of '5' is 53
```