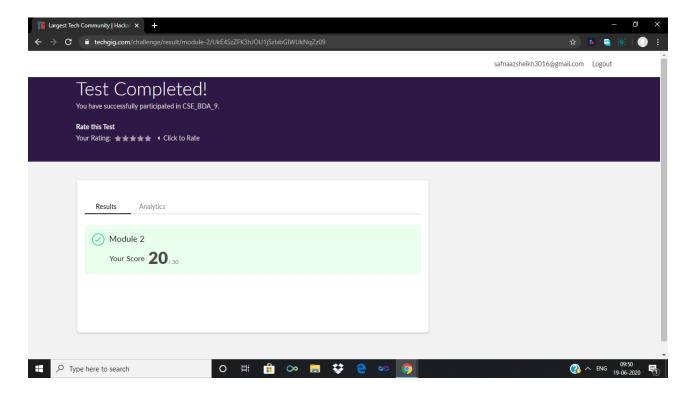
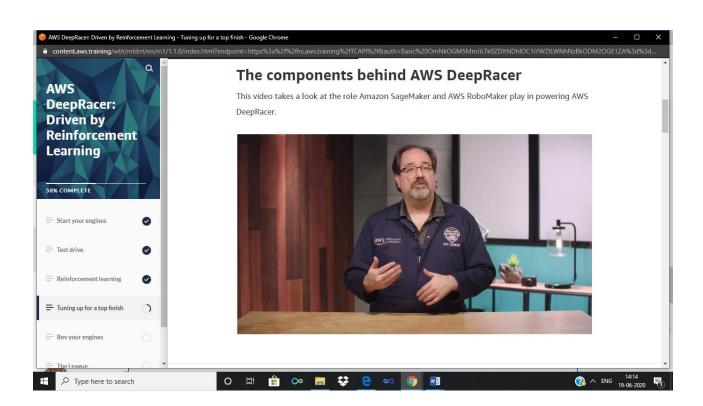
DAILY ONLINE ACTIVITIES SUMMARY

Date:	19-06-2020		Name:	SAFNAAZ		
Sem & Sec	8 th B		USN:	4AL16CS081		
		Online Tes	t Summary	1		
Subject	BDA	BDA				
Max. Marks	30		Score	20		
Certification Course Summary						
Course	Amazon	Amazon web service				
Certificate Provider		Aws	Duration		3 Hours	
Coding Challenges						
Problem Stat Anticlockwise		Vrite a Program to rot n	ate a Matrix l	by 90 Deg	ree in Clockwise or	
Status: CON	IPLETED					
Uploaded the report in Github			YES			
If yes Repository name			Safnaazsheikh			
Uploaded th	e report i	n slack	YES			

Online Test Details:



Certification Course Details:



Coding challenges online details:

Write a Program to rotate a Matrix by 90 Degree in Clockwise or Anticlockwise Direction

```
def rotate90Clockwise(A):
   N = len(A[0])
    for i in range (N // 2):
        for j in range(i, N - i - 1):
            temp = A[i][j]
            A[i][j] = A[N - 1 - j][i]
            A[N - 1 - j][i] = A[N - 1 - i][N - 1 - j]
            A[N - 1 - i][N - 1 - j] = A[j][N - 1 - i]
            A[j][N - 1 - i] = temp
# Function to print the matrix
def printMatrix(A):
   N = len(A[0])
    for i in range(N):
        print(A[i])
# Driver code
A = [[1, 2, 3, 4],
     [5, 6, 7, 8],
     [9, 10, 11, 12],
     [13, 14, 15, 16]]
rotate90Clockwise(A)
printMatrix(A)
```