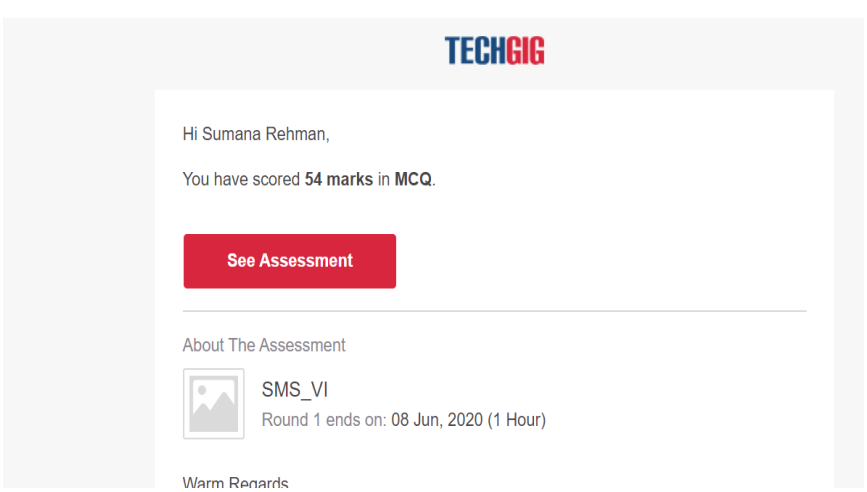
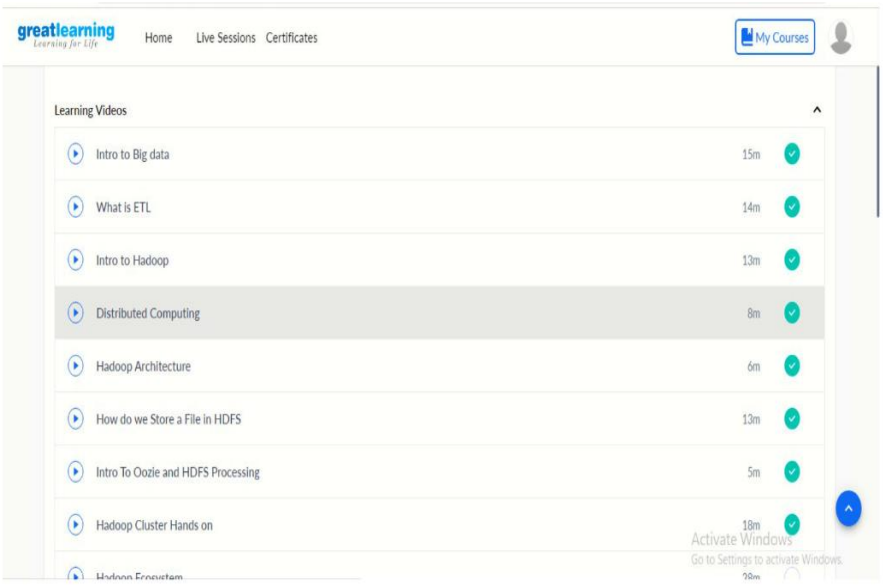
DAILY ONLINE ACTIVITIES SUMMARY

Date:	**08/06/2020**	**Name:**	**Sumana Rehman**
Sem & Sec	**8th Sem B**	**USN:**	**4AL16CS107**
Online Test Summary			
Subject	**SMS**		
Max. Marks	**60**	**Score**	**54**
Certification Course Summary			
Course	**Introduction to Hadoop**		
Certificate Provider	**greatlearning.in**	**Duration**	**4 hrs**
Coding Challenges			
Problem Statement: Program to generate all unique patterns of an integer			
Status: Completed			
Uploaded the report in Github	**Yes**		
If yes Repository name	**Alvas-education-foundation/Sumana**		
Uploaded the report in slack	**yes**		

Online Course Details:



Certification Course Details:



Coding Challenges:

defprintArray(p,n):

```
foriiinrange(0,n):

print(p[i],end="")

print()

defprintAllUniqueParts(n):

p=[0]*n #Anarraytostoreapartition

k=0 #Indexoflastelementinapartition

p[k]=n #Initializefirstpartition

#asnumberitself

whileTrue:

printArray(p,k+1)

rem_val=0

whilek>=0andp[k]==1:

rem_val+=p[k]

k-=1

ifk<0:

print()

return

p[k]-=1

rem_val+=1

whilerem_val>p[k]:

p[k+1]=p[k]
```

```
rem_val=rem_val-p[k]

k+=1

p[k+1]=rem_val

k+=1

print('AllUniquePartitionsof2')

printAllUniqueParts(2)

print('AllUniquePartitionsof3')

printAllUniqueParts(3)

print('AllUniquePartitionsof4')

printAllUniqueParts(4)
```