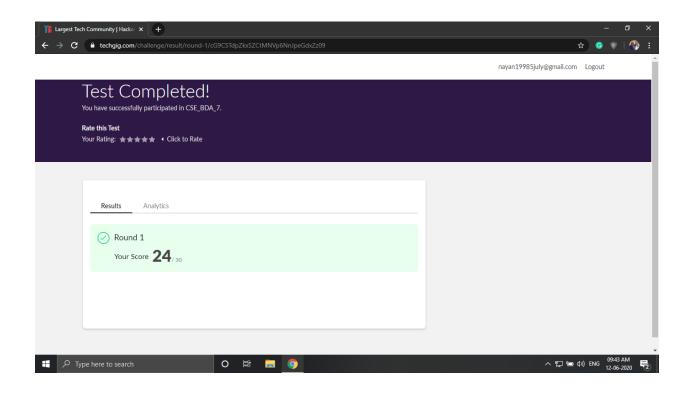
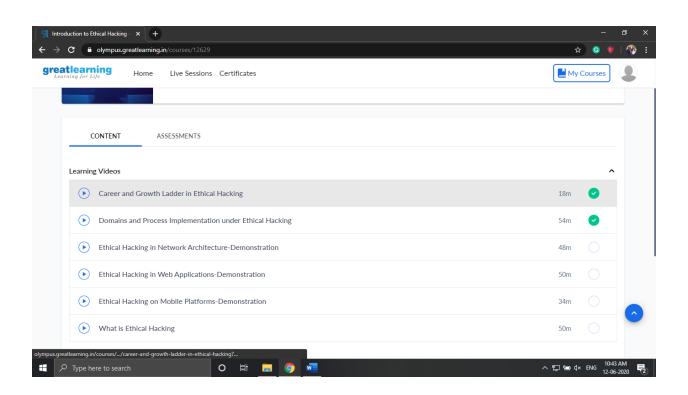
DAILY ONLINE ACTIVITIES SUMMARY

12-06-20	20	Name:	Nayan	Nayan. P. Joshi	
8th Sem A		USN:	4AL16CS058		
Online Test Summary					
Big Data Analytics					
30		Score 24			
Certification Course Summary					
Course Introduction to Ethical Hacking					
rovider	Great learning academy	Duration		8hrs	
Coding Challenges					
Problem Statement: Merge Sort in Python					
Status: Solved					
Uploaded the report in GitHub			yes		
If yes Repository name			nayan1998		
Uploaded the report in slack			yes		
	Big Da 30 Introduction frovider tatemen ed e report intory name	Big Data Analytics 30 Certification Collinary Introduction to Ethical Hack rovider Great learning academy Coding Collinary tatement: Merge Sort in First ted e report in GitHub tory name	Online Test Summary Big Data Analytics 30 Score Certification Course Sum Introduction to Ethical Hacking rovider Great learning academy Coding Challenges tatement: Merge Sort in Python ed e report in GitHub yes tory name nayan1998	Online Test Summary Big Data Analytics 30 Score 24 Certification Course Summary Introduction to Ethical Hacking rovider Great learning academy Coding Challenges tatement: Merge Sort in Python ed e report in GitHub yes tory name nayan1998	





Merge sort in python

```
def mergeSort(myList):
  if len(myList) > 1:
     mid = len(myList) // 2
     left = myList[:mid]
     right = myList[mid:]
     mergeSort(left)
     mergeSort(right)
     i = 0
     j = 0
     \mathbf{k} = \mathbf{0}
     while i < len(left) and j < len(right):
       if left[i] < right[j]:</pre>
         myList[k] = left[i]
         i += 1
        else:
          myList[k] = right[j]
          j += 1
        k += 1
     while i < len(left):
        myList[k] = left[i]
       i += 1
       k += 1
     while j < len(right):
        myList[k]=right[j]
       j += 1
       k += 1
myList = [54,26,93,17,77,31,44,55,20]
mergeSort(myList)
print(myList)
```