DAILY ONLINE ACTIVITIES SUMMARY

Date:	1/6/2020	**Name:**	Vleena Mascarenhas
Sem & Sec	8th & B	**USN:**	4AL16CS121

Online Test Summary

Subject	System Modeling and Simulation		
Max. Marks	60	**Score**	60

Certification Course Summary

Course	Introduction to Hadoop		
Certificate Provider	Great learning academy	**Duration**	4hrs

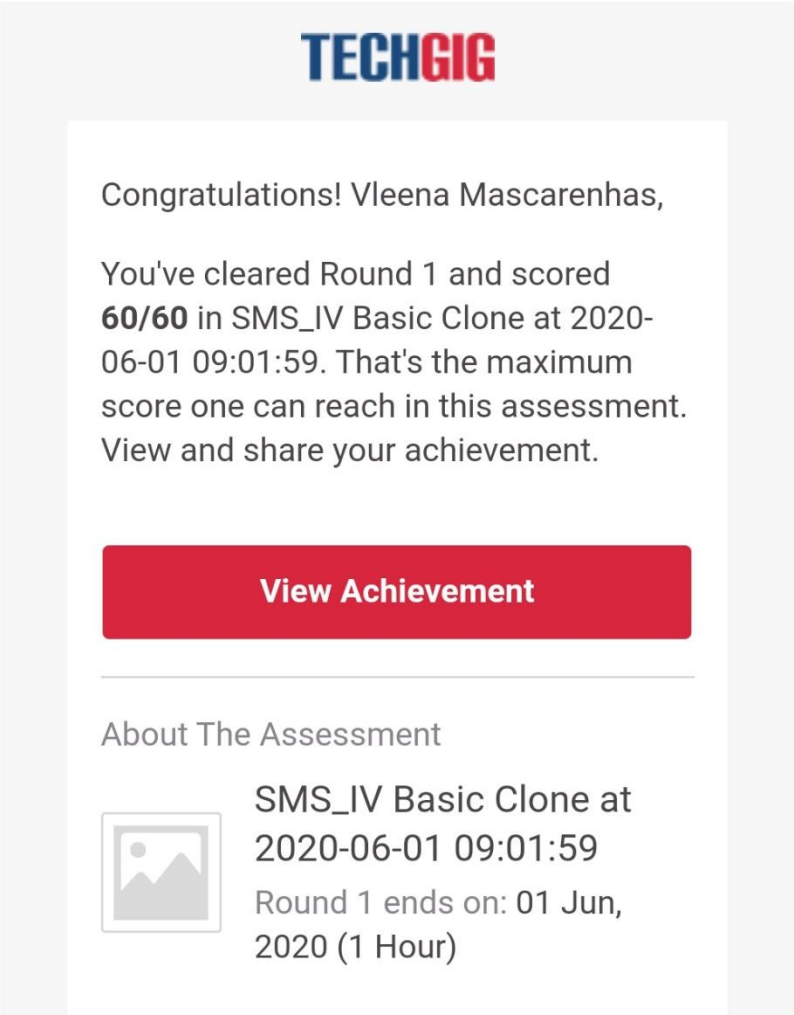
Coding Challenges

Problem Statement:
1.Encrypt English text using the encryption scheme.

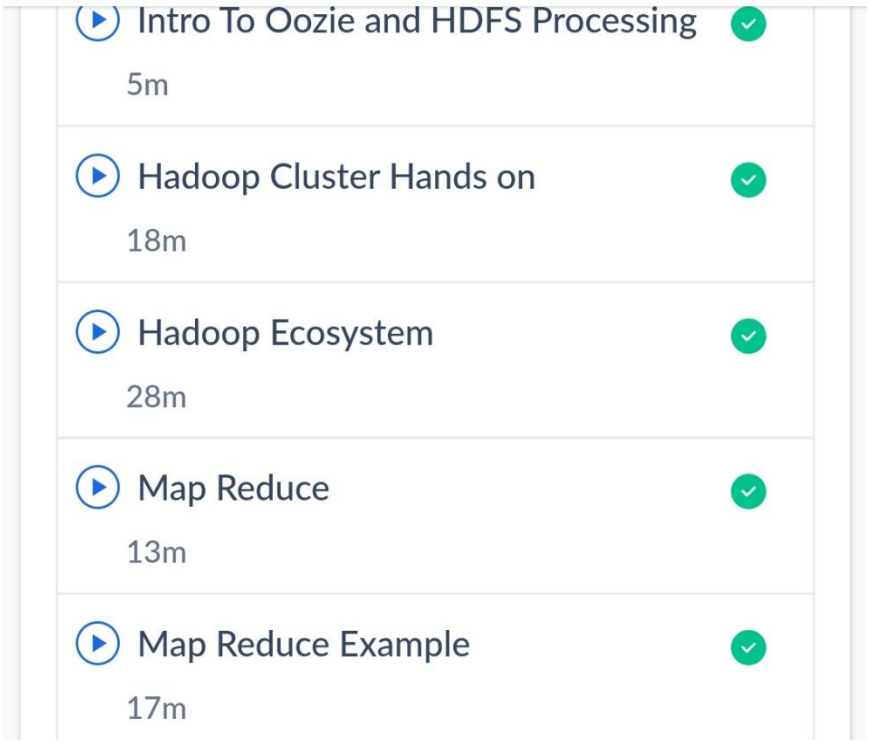
Status: Solved

Uploaded the report in Github	yes
If yes Repository name	vleena
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)

Problem Statement:

1.Encrypt English text using the encryption scheme.

```
def enc(str2):
    count=len(str2)
    p=int(count**(1/2))
    k=0
    l=[[]]
    if (p**2)-count==0:
        m,n=p,p
    else:
        m=p
        n=m+1
        if m*n>=count:
            pass
        else:
            m=m+1
    for i in range(m):
        if(k<len(str2)):
                l.insert(i,str2[k:k+n].replace('',' ').strip().split(" "))
                k=k+n

    t=[]

    for j in range(n):
        for i in range(m):
            try:
                v=l[i][j]
                t.append(v)
            except:
                pass
        t.append(" ")

    return "".join(t).strip()


result=enc("iffactsdontfittotheorychangethefacts")
print(result)
```