

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	29/5/2020	<b>Name:</b>	Vleena Mascarenhas
<b>Sem &amp; Sec</b>	8 <sup>th</sup> & B	<b>USN:</b>	4AL16CS121
<b>Online Test Summary</b>			
<b>Subject</b>	Big Data Analytics		
<b>Max. Marks</b>	30	<b>Score</b>	18
<b>Certification Course Summary</b>			
<b>Course</b>	Introduction to Hadoop		
<b>Certificate Provider</b>	Great learning academy	<b>Duration</b>	4hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1. Given an array arr [ ] of size N and an integer K. The task is to find the last remaining element in the array after reducing the array.			
<b>Status:</b> Solved			
<b>Uploaded the report in Github</b>		yes	
<b>If yes Repository name</b>		vleena	
<b>Uploaded the report in slack</b>		yes	

**Certification Course Details: (Attach the snapshot and briefly write the report for the same)**

CONTENTASSESSMENTS

Learning Videos

Intro to Big data

15m

What is ETL

14m

Intro to Hadoop

13m

Distributed Computing

8m

**Online Test Details: (Attach the snapshot and briefly write the report for the same)**



Hi Vleena Mascarenhas,

You have scored **18 marks** in **Round 1**.

[See Assessment](#)

About The Assessment



CSE\_BDA\_4

Round 1 ends on: 29 May,  
2020

Warm Regards,  
TechGig Team

**Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)**

**Problem Statement:**

1. Given an array `arr [ ]` of size `N` and an integer `K`. The task is to find the last remaining element in the array after reducing the array.

```
void moreThanNdK( int arr [ ], int n, int k)
```

```
{
```

```
if( k<2)
```

```
return;
```

```
struct eleCount temp[ k-1] ;
```

```

for( int i =0; i <k-1; i ++)
temp[ i ] . c=0;
f or( int i=0;i<n; i ++)
{
int j ;
f or( j =0;j <k-1;j ++)
{
if( temp[ j ] . e==arr [ i ] )
{
temp[ j ] . c+=1;
break;
}
}
if( j==k-1)
{
int l ;
for( l =0;l <k-1;l ++)
{
if( temp[ l ] . c==0)
{
temp[ l ] . e=arr [ i ] ;
temp[ l ] . c=1;
break;
}
}
}

```

```

if( l==k-1)
for( l =0;l <k;l ++ )
temp[ l ] . c-=1;
}
}
for( int i =0;i <k-1;i ++ )
{
int ac=0;
for( int j =0;j <n;j ++ )
if( arr[ j ]==temp[ i ] . e)
ac++;
if( ac>n/ k)
cout<<" Number : "<<t emp[ i ] . e
<<"Count : "<<ac<<endl ;
}
}

```