# DAILY ONLINE ACTIVITIES SUMMARY

| Date: | 29/07/2020 | | Name: | Prathiksha |
|---|---|---|---|---|
| Sem & Sec | 8<sup>th</sup> sem & B sec | | USN: | 4AL16CS070 |

| Online Test Summary | | | | |
|---|---|---|---|---|
| Subject | - | | | |
| Max. Marks | - | | Score | - |

| Certification Course Summary | | | | |
|---|---|---|---|---|
| Course | Introduction to Data Science in Python. | | | |
| Certificate Provider | Coursera | | Duration | 4 weeks |

| Coding Challenges |
|---|
| **Problem Statement:** |
| C Program To Count Frequency Of Each Element In Array |

| Status: | Solved |
|---|---|
| **Uploaded the report in Github** | Yes |
| **If yes Repository name** | Prathiksha |
| **Uploaded the report in slack** | Yes |

# Online Test Details:

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# Certification Course Details:



**Topic**: **Understanding data science week 4**.

# Coding Challenges Details:

## Program 1:

```c
#include <conio.h>
#include <stdio.h>

count(int *a,int *b,int n)
{
    int i,c,j;
    for(i=0; i<n; i++)
    {
        c=1;
        if(a[i]!=-1)
        {
            for(j=i+1; j<n; j++)

        {
            if(a[i]==a[j])
            {
                c++;
                a[j]=-1;
            }
        }
            b[i]=c;
        }
    }

}

print(int *a,int *b,int n)
{
    int i;
    for(i=0; i<n; i++)
    {

        if(a[i]!=-1)
        {
            printf("no of %d is %d \n",a[i],b[i]);

        }

    }

}
int main()
{
    int a[10000],b[10000],i,n;

    printf("Enter size of the array : ");
    scanf("%d", &n);
```

```c
    printf("Enter elements in array : ");
    for(i=0; i<n; i++)
    {
        scanf("%d",&a[i]);
    }

    count(a,b,n);

        print(a,b,n);

        return 0;
}
```

Output:

Enter size of the array: 10
Enter elements in array: 1
2
3
4
4
3
2
1
1
4
no of 1 is 3
no of 2 is 2
no of 3 is 2
no of 4 is 3