

DAILY ONLINE ACTIVITIES SUMMARY

Date:	29/07/2020	Name:	Prathiksha
Sem & Sec	8 th 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:

The screenshot shows the Coursera interface for the course 'Introduction to Data Science in Python', specifically Week 4, Distributions. The user is logged in as Prathiksha. The left sidebar lists the course content, including a notebook, a video introduction, and several other videos. The main content area displays a video player for the 'Distributions' video, featuring the University of Michigan logo and the title 'Distributions' by Christopher Brooks, Research Assistant Professor at the School of Information. The video player has a dark blue background with yellow text. There is a watermark 'Activate Windows' in the bottom right corner of the video player.

Statistical Analysis in Python and Project

- ✓ **Notebook:** Week 4 Lectures Jupyter Notebook
- ✓ **Video:** Introduction 1 min
- ▶ **Video:** Distributions 4 min
- ▶ **Video:** More Distributions 8 min
- ▶ **Video:** Hypothesis Testing in Python 10 min
- 📝 **Ungraded External Tool:** End of Theory 1h
- 🗣️ **Discussion Prompt:** Science Isn't Broken: p-hacking activity 45 min

Distributions

UNIVERSITY OF MICHIGAN

Distributions

INTRODUCTION TO DATA SCIENCE

Christopher Brooks

Research Assistant Professor
School of Information

Activate Windows
Go to Settings to activate Windows.

Topic: Understanding data science week 4.

Coding Challenges Details:

Program 1:

```
#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);
```

```

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

```