

DAILY ONLINE ACTIVITIES SUMMARY

Date:	07/06/2020	Name:	Divya C H
Sem & Sec	8 th Sem	USN:	4AL16CS033
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	Complete Python 3 Bootcamp		
Certificate Provider	Udemy	Duration	24 hrs
Coding Challenges			
Problem Statement: Write a program in C program to find the frequency of characters in a string			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		Daily_report	
Uploaded the report in slack		yes	

Online Test Details:

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Certification Course Details:

The screenshot displays the UdeMy course interface for 'Complete Python 3 Bootcamp™ -Python Programming from Scratch'. The main content area shows a Jupyter Notebook with the following Python code:

```
import random

def generate_random_number(range):
    return random.randrange(range)

def main():
    random_number = generate_random_number(100)
    tries = 0

    for i in range(1, tries + 1):
        print('Try Number: ', i)
        guess_number = int(input('Enter your guess: '))
        if guess_number == random_number:
            print('Hessss!! You won!')
            break
        elif guess_number > random_number:
            print('You Entered a greater number')
        else:
            print('You Entered a lesser number')
    else:
        print('You failed to guess the number.. Actual number was: ', random_number)
        return

    print('You won the game')

if __name__ == '__main__':
    main()
```

The course content sidebar on the right lists the following sections:

- Section 4: FUNCTIONS AND MODULES (7 / 7 | 1hr 14min)
- Section 5: STRINGS (15 / 15 | 2hr 10min)
- Section 6: CONTROL AND FLOW (10 / 10 | 1hr 57min)
- Section 7: FILE PROCESSING (0 / 10 | 1hr 24min)
- Section 8: DATA STRUCTURES (0 / 36 | 5hr 54min)
- Section 9: Advanced CONCEPTS (0 / 13 | 1hr 12min)
- Section 10: OOP (0 / 19 | 2hr 59min)
- Section 11: SCRAPY

Coding challenge:

Program 1:

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

```
#include <string.h>
```

```
int main()
```

```
{
```

```
    char str[100];
```

```
    int i;
```

```
    int freq[256] = {0};
```

```
    printf("Enter a string\n");
```

```
    gets(str);
```

```
    for(i = 0; str[i] != '\0'; i++)
```

```
    {
```

```
        freq[str[i]]++;
```

```
    }
```

```
    for(i = 0; i < 256; i++)
```

```
    {
```

```
        if(freq[i] != 0)
```

```
        {
```

```
            printf("%c %d\n", i, freq[i]);
```

```
    }  
}  
return 0;  
}
```