

**DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>22/06/2020</b>	<b>Name:</b>	<b>Deepa</b>
<b>Sem &amp; Sec</b>	<b>8<sup>th</sup> Sem</b>	<b>USN:</b>	<b>4AL16CS029</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>System Model-ling and Simulation</b>		
<b>Max. Marks</b>	<b>60</b>	<b>Score</b>	<b>- -</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Complete Python 3 course for Beginners</b>		
<b>Certificate Provider</b>	<b>udemy.com/</b>	<b>Duration</b>	<b>18 hrs</b>
<b>Coding Challenges</b>			
<b>Problem Statement: 1) How to find the first non repeated character of a given String?</b>			
<b>Status: Completed</b>			
<b>Uploaded the report in Github</b>		<b>Yes</b>	
<b>If yes Repository name</b>		<b>Daily_report</b>	
<b>Uploaded the report in slack</b>		<b>yes</b>	

## Online Test Details:

--

## Certification Course Details:

- ☒ 102. Installation and 1st program  
▶ 11min
- ☒ 103. Declarative interfaces  
▶ 13min
- ☒ 104. Event handling in QML  
▶ 9min
- ☒ 105. Qt layouts, buttons, and labels  
▶ 12min
- ☒ 106. QLineEdit  
▶ 4min
- ☒ 107. QPushButton clicked  
▶ 7min
- ☒ 108. Setting QLabels text  
▶ 5min
- ☒ 109. Calculator project setup  
▶ 4min
- ☒ 110. QGridLayout  
▶ 6min
- ☒ 111. Programming buttons  
▶ 7min
- ☒ 112. Button event handling  
▶ 6min
- ☒ 113. Evaluating queries

✓ 114. Finishing touches

▶ 2min

## Section 12: Project #8 - PyQt Web Browser



10 / 12 | 1hr 56min

✓ 115. QTabWidget

▶ 13min

✓ 116. Interacting with tabs

▶ 10min

✓ 117. QWebEngine implementation

▶ 14min

✓ 118. Switching tabs

▶ 7min

✓ 119. Setting up our web address bar

▶ 6min

✓ 120. Updating tab text

▶ 9min

✓ 121. Updating tab icons

▶ 6min

✓ 122. Back, forward, and reload functionality

▶ 10min

✓ 123. Updating the address bar

▶ 10min

✓ 124. Style sheets



## Coding Challenges Details:

### Program 1:

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

```
#include <stdlib.h>
```

```
#define NO_OF_CHARS 256
```

```
int* getCharCountArray(char* str)
```

```
{  
    int* count = (int*)calloc(  
        sizeof(int), NO_OF_CHARS);  
  
    int i;  
  
    for (i = 0; *(str + i); i++)  
        count[*(str + i)]++;  
  
    return count;  
}
```

```
int firstNonRepeating(char* str)
```

```
{  
  
    int* count = getCharCountArray(str);  
  
    int index = -1, i;  
  
    for (i = 0; *(str + i); i++) {  
        if (count[*(str + i)] == 1) {  
            index = i;  
        }  
    }  
}
```

```
                break;
            }
        }
        free(count);
        return index;
    }

    int main()
    {
        char str[] = "fgchfytrfuyguijp";
        int index=firstNonRepeating(str);
        if (index == -1)
            printf("Either all characters are repeating or
string is empty");
        else
            printf("First non-repeating character is %c",
str[index]);

        getchar();

        return 0;
    }
```