

### DAILY ONLINE ACTIVITIES SUMMARY

|   |                                  |                 |            |
|---|----------------------------------|-----------------|------------|
| <b>Date:</b>  | 29/06/2020                       | <b>Name:</b>    | Divya C H  |
| <b>Sem &amp; Sec</b>  | 8 <sup>th</sup> Sem              | <b>USN:</b>     | 4AL16CS033 |
| <b>Online Test Summary</b>  |                                  |                 |            |
| <b>Subject</b>  | System Model-ling and Simulation |                 |            |
| <b>Max. Marks</b>   | 30                               | <b>Score</b>    | - -        |
| <b>Certification Course Summary</b>   |                                  |                 |            |
| <b>Course</b>   | Linux for Absolute Beginners     |                 |            |
| <b>Certificate Provider</b>   | udemy.com/                       | <b>Duration</b> | 7.5 hrs    |
| <b>Coding Challenges</b>  |                                  |                 |            |
| <b>Problem Statement: 1) Write a C program to check sub string present in given string.</b> |                                  |                 |            |
| <b>Status: Completed</b>  |                                  |                 |            |
| <b>Uploaded the report in Github</b>  |                                  | Yes             |            |
| <b>If yes Repository name</b>   |                                  | Daily_report    |            |
| <b>Uploaded the report in slack</b>   |                                  | yes             |            |

## Online Test Details:

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## Certification Course Details:

The screenshot shows a web browser window with the Udemy website. The course title is "Linux for Absolute Beginners!". The main video player displays a slide titled "Introduction to Linux" with a Linux penguin logo and a large "Linux" text. To the right of the video player is a "Course content" sidebar listing the following sections:

- 1. Introduction to Linux (8min)
- 2. Linux distributions explained (7min)
- Section 2: Linux Installation (0 / 9 | 1hr 7min)
- Section 3: Linux Command Line Interface (CLI) Essentials (0 / 12 | 1hr 1min)
- Section 4: Advanced CLI Usage (0 / 12 | 40min)
- Section 5: Linux Development Tools (0 / 10 | 45min)
- Section 6: Web Development Project (0 / 7 | 52min)

Below the video player, there is a navigation bar with tabs: Overview, Q&A, Notes, and Announcements. The "About this course" section states: "Get started with Linux, app development, server configuration, networking, and". The browser's taskbar at the bottom shows several open documents and the system clock indicating 20:49 on 02-07-2020.

## Coding Challenges Details:

### Program 1:

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

```
int main()
```

```
{
```

```
    char str[80], search[10];
```

```
int count1 = 0, count2 = 0, i, j, flag;
```

```
printf("Enter a string:");
```

```
gets(str);
```

```
printf("Enter search substring:");
```

```
gets(search);
```

```
while (str[count1] != '\0')
```

```
    count1++;
```

```
while (search[count2] != '\0')
```

```
    count2++;
```

```
for (i = 0; i <= count1 - count2; i++)
```

```
{
```

```
    for (j = i; j < i + count2; j++)
```

```
    {
```

```
        flag = 1;
```

```
        if (str[j] != search[j - i])
```

```
        {
```

```
            flag = 0;
```

```
            break;
```

```
        }
```

```
}
```

```
    if (flag == 1)

        break;

}

if (flag == 1)

    printf("SEARCH SUCCESSFUL!\n");

else

    printf("SEARCH UNSUCCESSFUL!\n");


return 0;

}
```