

DAILY ONLINE ACTIVITIES SUMMARY

Date:	03/07/2020	Name:	Divya C H
Sem & Sec	8 th Sem	USN:	4AL16CS033
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	Java Servlets		
Certificate Provider	Udemy	Duration	12.5 hrs
Coding Challenges			
Problem Statement: Write a C program to count number of positive number and negative number in given array.			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		Daily_report	
Uploaded the report in slack		yes	

Online Test Details:

- -

Certification Course Details:

The screenshot shows a web browser with multiple tabs open. The active tab is 'Java Servlets | Udeemy'. The browser address bar shows the URL: udemy.com/course/java-servlets-training/learn/lecture/20542412?LSNPUBID=tHnUyAHsRvI&components=buy_button%2Cdiscount_expiration%2Cgift_this_course%2C.... The Udeemy page header includes the logo, 'Java Servlets' title, 'Leave a rating', 'Your progress', and 'Share' button. The main content area is a video player with a large play button. Below the video player are tabs for 'Overview', 'Q&A', 'Notes', and 'Announcements'. The 'Overview' tab is active, showing 'About this course' with the description: 'Comprehensive course on Java Servlet with practical examples and coding on the go. Develop useful web-based applications'. On the right side, there is a 'Course content' sidebar listing four sections: 'Section 1: Introduction to World Wide Web' (1/1 | 22min), 'Section 2: Welcome To Servlets' (1/1 | 28min), 'Section 3: Servlet Request' (1/1 | 32min), and 'Section 4: Annotation and XML Configuration' (1/1 | 29min). Each section has a checkbox indicating completion and a 'Resources' link. The Windows taskbar at the bottom shows the Start button, task view, and several application icons. The system tray on the right shows network, volume, and language settings, along with the time '19:45' and date '07-07-2020'.

Coding challenge:

Peogram 1:

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

```
int countPositiveNumbers(int* arr, int n)
```

```
{
```

```
    int pos_count = 0;
```

```
    int i;
```

```
    for (i = 0; i < n; i++){
```

```
        if (arr[i] > 0)
```

```
        pos_count++;  
    }  
    return pos_count;  
}
```

```
int countNegativeNumbers(int* arr, int n)  
{  
    int neg_count = 0;  
    int i;  
    for (i = 0; i < n; i++) {  
        if (arr[i] < 0)  
            neg_count++;  
    }  
    return neg_count;  
}
```

```
void printArray(int* arr, int n)  
{  
    int i;  
  
    printf("Array: ");  
    for (i = 0; i < n; i++) {  
        printf("%d ", arr[i]);  
    }  
    printf("\n");  
}
```

```
}
```

```
int main()
```

```
{
```

```
    int arr[] = { 2, -1, 5, 6, 0, -3 };
```

```
    int n;
```

```
    n = sizeof(arr) / sizeof(arr[0]);
```

```
    printArray(arr, n);
```

```
    printf("Count of Positive elements = %d\n",
```

```
        countPositiveNumbers(arr, n));
```

```
    printf("Count of Negative elements = %d\n",
```

```
        countNegativeNumbers(arr, n));
```

```
    return 0;
```

```
}
```

