# DAILY ONLINE ACTIVITIES SUMMARY

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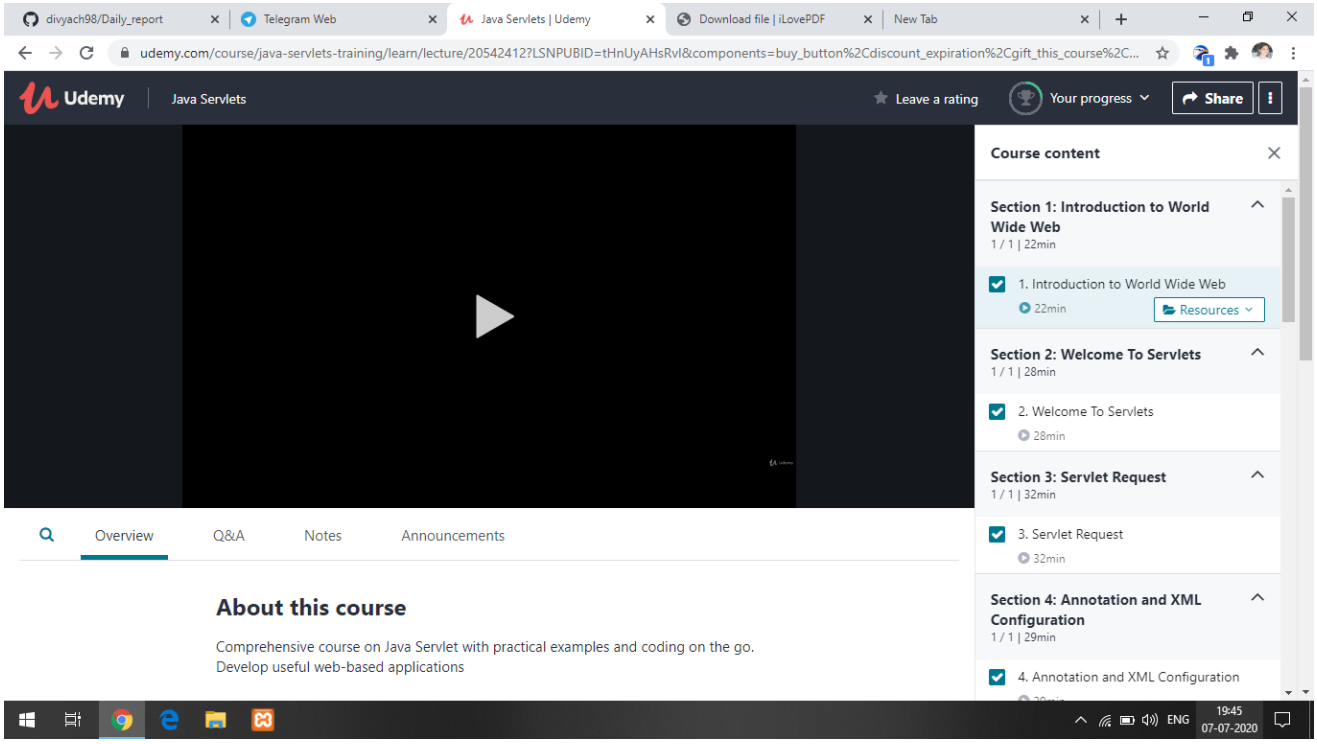
| **Date:** | **03/07/2020** | **Name:** | **Divya C H** |
| **Sem & Sec** | **8th Sem** | **USN:** | **4AL16CS033** |
| **Online Test Summary** | | | |
| **Subject** | - - | | |
| **Max. Marks** | - - | **Score** | - - |
| **Certification Course Summary** | | | |
| **Course** | **Java Servlets** | | |
| **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:




## 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;
}
```