

DAILY ONLINE ACTIVITIES SUMMARY

Date:	03/07/2020	Name:	Deepa
Sem & Sec	8th Sem	USN:	4AL16CS029
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	Linux for absolute beginners		
Certificate Provider	Udemy	Duration	8 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:

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Certification Course Details:

- ✓ 18. Keeping programs updated via terminal
▶ 5min
- ✓ 19. File permissions and ownership explained
▶ 4min
- ✓ 20. File permissions and ownership continued
▶ 8min
- ✓ 21. Creating new files using the touch command
▶ 5min
- ✓ 22. Creating new directories and moving files
▶ 5min
- ✓ 23. Copying, renaming, and removing files
▶ 5min

Section 4: Advanced CLI Usage



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- ✓ 24. The find command and it's practical uses
▶ 4min
- ✓ 25. Find command continued
▶ 5min
- ✓ 26. Find command final thoughts
▶ 3min
- ✓ 27. Using the grep command to find information within files

Coding challenge:

Program 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;
```

}