

## **DAILY ONLINE ACTIVITIES SUMMARY**

|  |   |   |            |
|--|---|---|------------|
| <b>Date:</b>   | 25/06/2020                              | <b>Name:</b>  | Pramod R   |
| <b>Sem &amp; Sec</b>   | 4 <sup>th</sup> sem B section           | <b>USN:</b>   | 4AL18CS059 |
| <b>Online Test Summary</b>   |   |   |            |
| <b>Subject</b>   | -                                       |   |            |
| <b>Max. Marks</b>  | -                                       | <b>Score</b>  | -          |
| <b>Certification Course Summary</b>  |   |   |            |
| <b>Course</b>  | Java Programming for Complete Beginners |   |            |
| <b>Certificate Provider</b>  | Udemy                                   | <b>Duration</b>   | 1 Hour     |
| <b>Coding Challenges</b>   |   |   |            |
| <b>Problem Statement:</b> Write a C Program to reverse the rows in a 2d Array. |   |   |            |
| <b>Status:</b> Completed   |   |   |            |
| <b>Uploaded the report in Github</b>   |   | YES   |            |
| <b>If yes Repository name</b>  |   | <a href="https://github.com/alvas-education-foundation/Pramod_R">https://github.com/alvas-education-foundation/Pramod_R</a> |            |
| <b>Uploaded the report in slack</b>  |   | YES   |            |

## Certification Course Details: (Attach the snapshot and briefly write the report for the same)

The screenshot shows the Udeemy course page for "Java Programming for Complete Beginners". The course is by "in28minutes". The video player shows a code snippet for a Java program that prints "Hello World" multiple times. The course content list on the right includes:

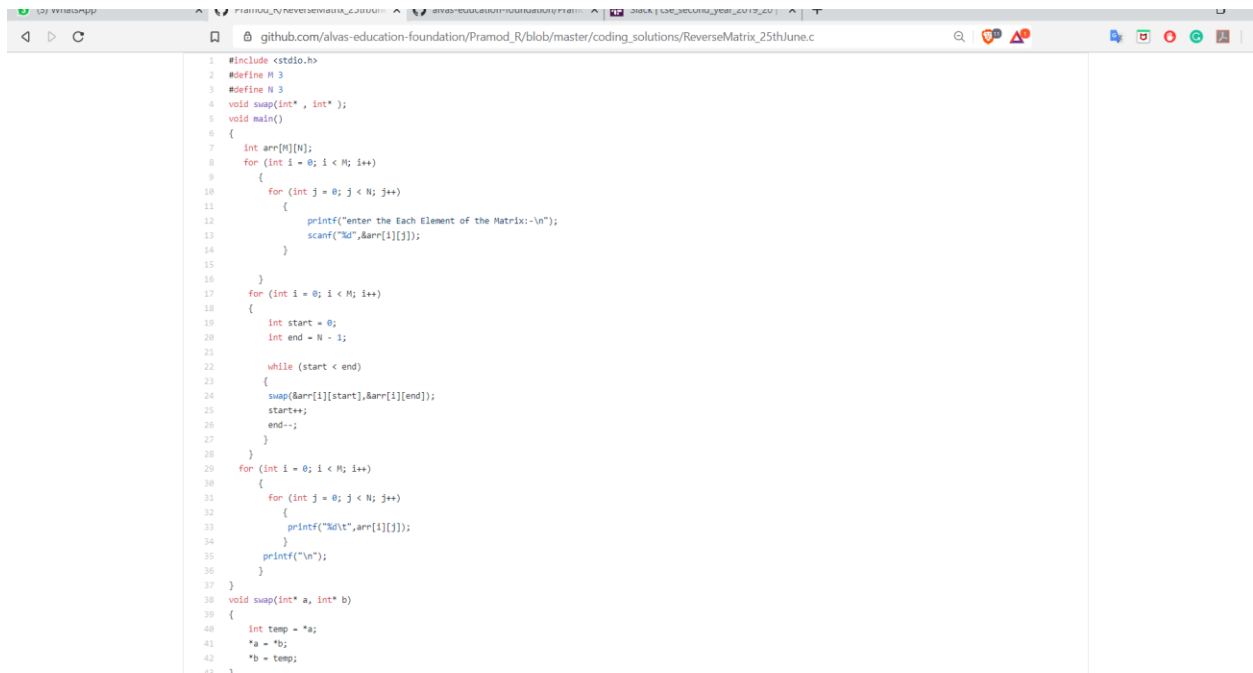
- 46. Step 03 - Programming Tip - Editing Methods with JShell (5min)
- 47. Step 04 - Introduction to Java Methods - Arguments and Parameters (11min)
- 48. Step 05 - Introduction to Java Method Arguments - Exercises (5min)
- 49. Step 06 - Introduction to Java Method Arguments - Puzzles and Tips (4min)
- 50. Step 07 - Getting back to Multiplication Table - Creating a method (6min)
- 51. Step 08 - Print Multiplication Table with a Parameter and Method Overloading (4min)
- 52. Step 09 - Passing Multiple Parameters to a Java Method (5min)
- 53. Step 10 - Returning from a Java Method - An Introduction (6min)

**About this course**

Learn Java Programming with 200+ code examples. For Absolute Java Beginners! Start Learning Java Programming Now!

The course I have chosen during the lockdown period is **Java Programming for Complete Beginners**. Since I had previously knew few topics about Java I am continuing this course. Since Java is used in major application development, I have chosen this course.

## Coding Challenges Details: (Attach the snapshot and briefly write the report for the following)



```
1 #include <stdio.h>
2 #define N 3
3 #define M 3
4 void swap(int* , int* );
5 void main()
6 {
7     int arr[M][N];
8     for (int i = 0; i < M; i++)
9     {
10         for (int j = 0; j < N; j++)
11         {
12             printf("Enter the Each Element of the Matrix:-\n");
13             scanf("%d",&arr[i][j]);
14         }
15     }
16     for (int i = 0; i < M; i++)
17     {
18         int start = 0;
19         int end = N - 1;
20         while (start < end)
21         {
22             swap(&arr[i][start],&arr[i][end]);
23             start++;
24             end--;
25         }
26     }
27     for (int i = 0; i < M; i++)
28     {
29         for (int j = 0; j < N; j++)
30         {
31             printf("%d\t",arr[i][j]);
32         }
33         printf("\n");
34     }
35 }
36 void swap(int* a, int* b)
37 {
38     int temp = *a;
39     *a = *b;
40     *b = temp;
41 }
```

The question I took to code is:

Write a C Program to reverse the rows in a 2d Array.

**Solution:** The above snapshot is the code which I have uploaded in my Github repository