# DAILY ONLINE ACTIVITIES SUMMARY

| Date: | 26/05/2020 | Name: | Imran Khan |
|---|---|---|---|
| Sem & Sec | 8th A | USN: | 4AL16CS040 |

| Online Test Summary | | | |
|---|---|---|---|
| Subject | BDA | | |
| Max. Marks | 40 | Score | 28 |

| Certification Course Summary | | | |
|---|---|---|---|
| Course | Angular and node js –The mean stack | | |
| Certificate Provider | Udemy | Duration | 20hrs |

## Coding Challenges

**Problem Statement: Write a program in C to print all permutations of a given string using pointers**

Status: Solved

| Uploaded the report in Github | yes |
|---|---|
| If yes Repository name | Imran040 |
| Uploaded the report in slack | yes |

**Online Test Details:**

Hi Imran Khan,

You have scored **14 marks** in **Round 1**.

**Next Up: Round 2 (Multiple Choice)**

Objective: The objective of this round is to screen students on the basis of their domain proficiency

**Start Round 2**

Hi Imran Khan,

You have scored **14 marks** in **Round 2**.

**See Assessment**
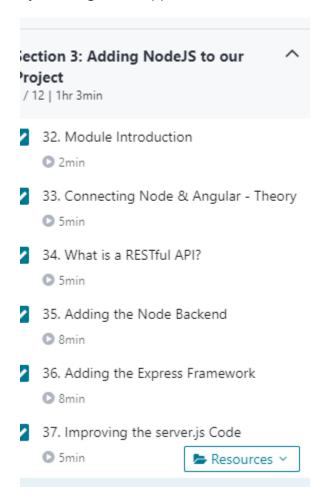
About The Assessment

CSE_BDA_3

Round 2 ends on: 26 May, 2020

## Certification Course Details:

Learn how to connect your Angular Frontend to a NodeJS & Express & MongoDB Backend by building a real Application

Section 3: Adding NodeJS to our
Project
/ 12 | 1hr 3min

2   32. Module Introduction
    ▶ 2min

2   33. Connecting Node & Angular - Theory
    ▶ 5min

2   34. What is a RESTful API?
    ▶ 5min

2   35. Adding the Node Backend
    ▶ 8min

2   36. Adding the Express Framework
    ▶ 8min

2   37. Improving the server.js Code
    ▶ 5min          📁 Resources ⌄

## Coding Challenges Details:

**program1:**

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

/* Function to swap values at two pointers */
void swap (char *x, char *y)
```

```c
{
char temp;
temp = *x;
*x = *y;
y = temp;
}
/ End of swap() */

/* Function to print permutations of string */
void permute(char *a, int i, int n)
{
int j;
if (i == n)
printf("%s\n", a);
else {
for (j = i; j <= n; j++)
{
swap((a + i), (a + j));
permute(a, i + 1, n);
swap((a + i), (a + j)); //backtrack
}
}
}

/* The main() begins */
int main()
{
char a[20];
int n;
printf("Enter a string: ");
scanf("%s", a);
n = strlen(a);
printf("Permutaions:\n");
permute(a, 0, n - 1);
getchar();
return 0;
}
```