

DAILY ONLINE ACTIVITIES SUMMARY

Date:	26/5/2020	Name:	Manoj L
Sem & Sec	8 th Sem	USN:	4AL16CS125
Online Test Summary			
Subject	BDA		
Max. Marks	Round1 – 16 Round 2 - 14	Score	Round 1-20 Round 2 - 20
Certification Course Summary			
Course	Data Science and Machine Learning Bootcamp		
Certificate Provider	Udemy	Duration	43 hrs
Coding Challenges			
Problem Statement: 1. Write a program in C to print all permutations of a given string using pointers 2. Python Program to Check if a Number is a Palindrome			
Status:COMPLETED			
Uploaded the report in Github		yes	
If yes Repository name		Manoj L	
Uploaded the report in slack		yes	

Online Test Details: (Attach the snapshot and briefly write the report for the same)

TECHGIG

Hi Manoj L,

You have scored **16 marks** in **Round 1**.

See Assessment

About The Assessment

 CSE_BDA_3
Round 1 ends on: 26 May, 2020

Warm Regards,
TechGig Team


TECHGIG

Hi Manoj L,

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

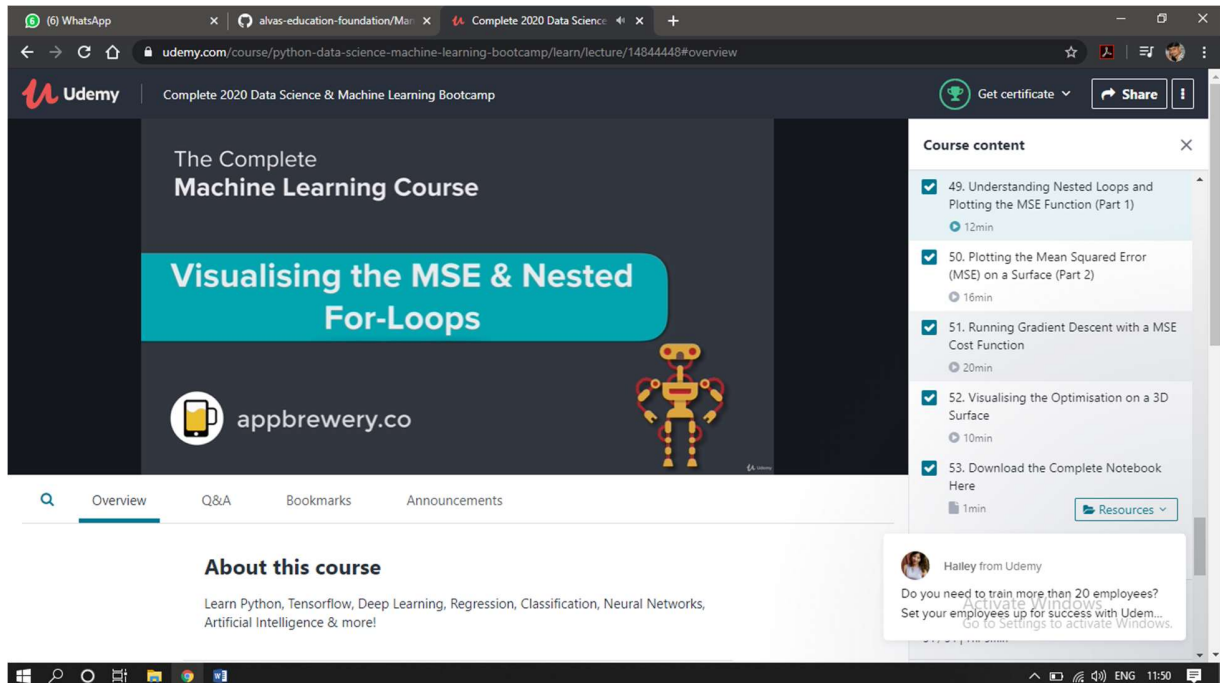
See Assessment

About The Assessment

 CSE_BDA_3
Round 2 ends on: 26 May, 2020

Warm Regards,
TechGig Team

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



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

Write a program in C to print all permutations of a given string using pointers

```
#include <stdio.h>
#include <string.h>
void swap (char *x, char *y)
{
    char temp;
    temp = *x;
    *x = *y;
    y = temp;
}
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
}
}
}
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;
}

```

2 Python Program to Check if a Number is a Palindrome

```

n=int(input("Enter number:"))
temp=n
rev=0
while(n>0):
dig=n%10
rev=rev*10+dig
n=n//10
if(temp==rev):
print("The number is a palindrome!")
else:
print("The number isn't a palindrome!")

```