

**DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>08/06/2020</b>	<b>Name:</b>	<b>Deepa</b>
<b>Sem &amp; Sec</b>	<b>8<sup>th</sup> Sem</b>	<b>USN:</b>	<b>4AL16CS029</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>System Model-ling and Simulation</b>		
<b>Max. Marks</b>	<b>60</b>	<b>Score</b>	<b>60</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Step by step guide to machine learning</b>		
<b>Certificate Provider</b>	<b>1) Udemy</b>	<b>Duration</b>	<b>7 hrs</b>
<b>Coding Challenges</b>			
<b>Problem Statement: 1) Write a C Program to Generate All the Set Partitions of n Numbers Beginning from 1 and so on</b>			
<b>Status: Completed</b>			
<b>Uploaded the report in Github</b>		<b>Yes</b>	
<b>If yes Repository name</b>		<b>Daily_report</b>	
<b>Uploaded the report in slack</b>		<b>yes</b>	

## Online Test Details:

**TECHGIG**

Congratulations! DEEPA POOJARI,

You've cleared Round 1 and scored **60/60** in SMS\_VI. That's the maximum score one can reach in this assessment. View and share your achievement.



[View Achievement](#)


About The Assessment

 SMS\_VI  
Round 1 ends on: 08 Jun, 2020 (1 Hour)



Warm Regards,  
TechGig Team




## Certification Course Details:




 **Course content** **Overview** 


**Section 1: Introduction to Machine Learning & Data Wrangling** 

3 / 3 | 1hr 22min




 1. Black Box Introduction to Machine Learning  
 19min




 2. Essential NumPy  
 22min [Resources](#) 




 3. Essential Pandas for Machine Learning  
 41min [Resources](#) 

**Section 2: Linear Models, Trees & Preprocessing** 

3 / 3 | 2hr 14min

 4. Linear Models for Regression & Classification  
 52min [Resources](#) 

 5. Pre-Processing Techniques using scikit  
 48min [Resources](#) 

 6. Decision Trees  
 35min [Resources](#) 

## Coding Challenges Details:

### Program 1:

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

```
void printArray(int p[], int n)
```

```
{  
    for (int i = 0; i < n; i++)  
        printf("%d ",p[i]);  
    printf("\n");  
}
```

```
void partition(int n)
```

```
{  
    int p[n], true=1;  
    int k = 0;  
    p[k] = n;  
  
    while (true)  
    {  
        printArray(p, k+1);  
  
        int rem_val = 0;  
        while (k >= 0 && p[k] == 1)  
        {
```

```
    rem_val += p[k];  
    k--;  
}
```

```
if (k < 0) return;
```

```
p[k]--;  
rem_val++;
```

```
while (rem_val > p[k])  
{  
    p[k+1] = p[k];  
    rem_val = rem_val - p[k];  
    k++;  
}
```

```
p[k+1] = rem_val;  
k++;  
}  
}
```

```
int main()  
{  
    int n;  
    printf("Enter the number: ");
```

```
scanf("%d",&n);  
partition(n);  
  
return 0;  
}
```