# DAILY ONLINE ACTIVITIES SUMMARY

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|---|---|---|---|
| **Date:** | **09/06/2020** | **Name:** | **Pramod R** |
| **Sem & Sec** | **4th sem B section** | **USN:** | **4AL18CS059** |

## Online Test Summary

| | | | |
|---|---|---|---|
| **Subject** | - | | |
| **Max. Marks** | - | **Score** | - |

## Certification Course Summary

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|---|---|---|---|
| **Course** | **Blockchain Basics** | | |
| **Certificate Provider** | **Coursera** | **Duration** | **4 weeks** |

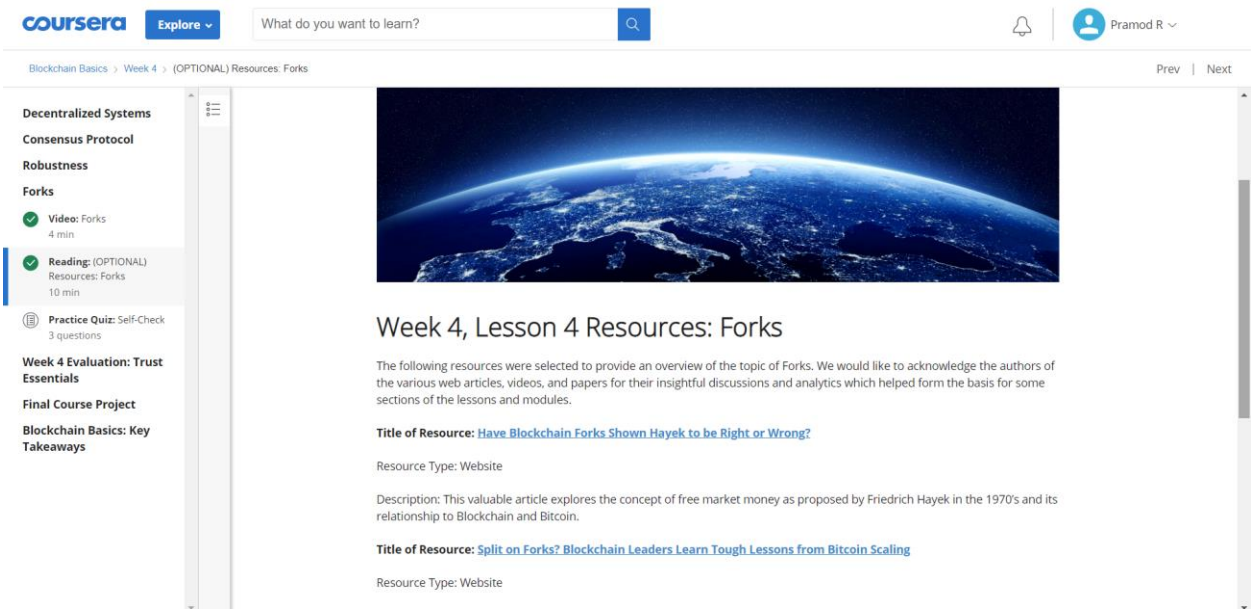
## Coding Challenges

**Problem Statement:** Write a C Program to Generate All the Set Partitions of n Numbers Beginning from 1 and so on

**Status: Completed**

| | |
|---|---|
| **Uploaded the report in Github** | **YES** |
| **If yes Repository name** | https://github.com/alvas-education-foundation/Pramod_R |
| **Uploaded the report in slack** | **YES** |

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




The course I have chosen during the lockdown period is Blockchain basics. Since I had previously knew few topics about bitcoin I am continuing this course. Since Blockchain is gaining a lot interest in the IT Sector I have preferred to choose this course.

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


**The question I took to code is:**

This algorithm partitions an integer into numbers which sum up to form the original number. It generates partitions of a set of numbers for a given range.

Sample Input

Enter a number N to generate all set partition from 1 to N: 5

Integer partition for 1 is:

1

Integer partition for 2 is:

2

11

Integer partition for 3 is:

3

12

111

Integer partition for 4 is:

4

13

112

1111

22

Integer partition for 5 is:

5

14

113

1112

11111

122

23

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