DAILY ONLINE ACTIVITIES SUMMARY

Date:	**22/05/2020**	**Name:**	**Pramod R**
Sem & Sec	**4th sem B section**	**USN:**	**4AL18CS059**

Online Test Summary

Subject	**Operating Systems**		
Max. Marks	**30**	**Score**	**25**

Certification Course Summary

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

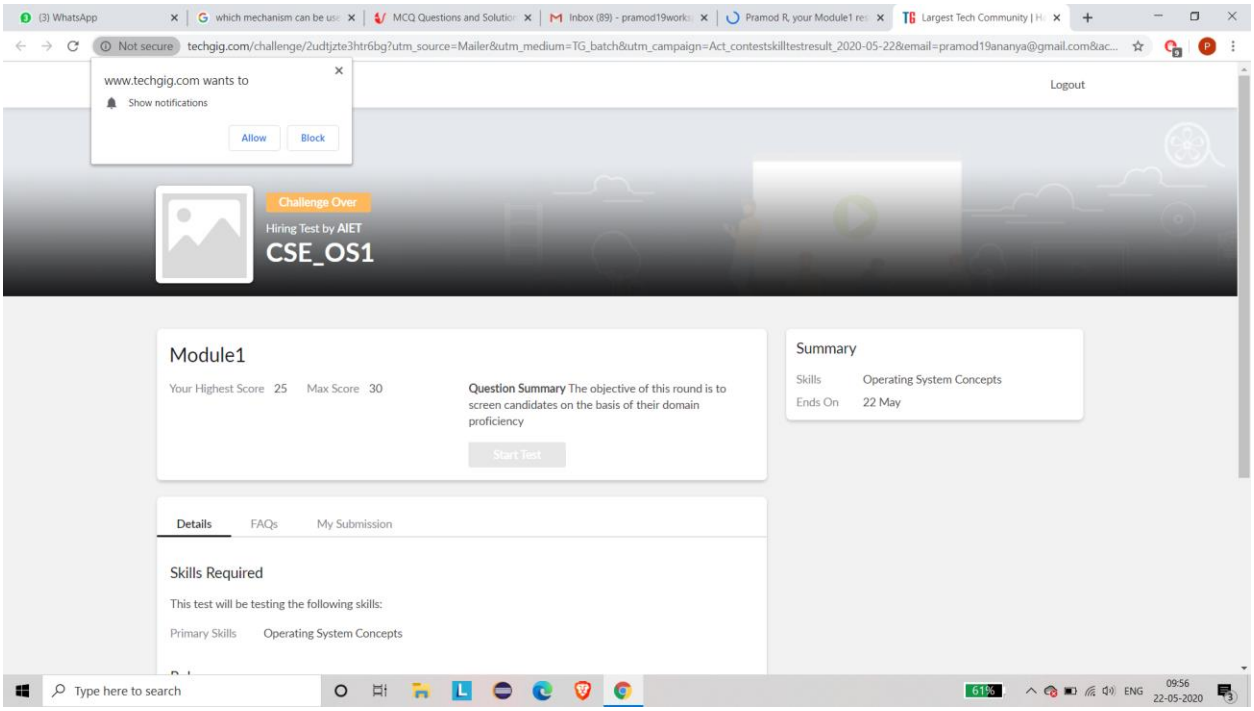
Coding Challenges

Problem Statement: Write a C program to implement SRTF process scheduling.
Input: A set of processes with their burst time and arrival time
Output: The processes scheduled based on the arrival time and a smaller burst time.

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**

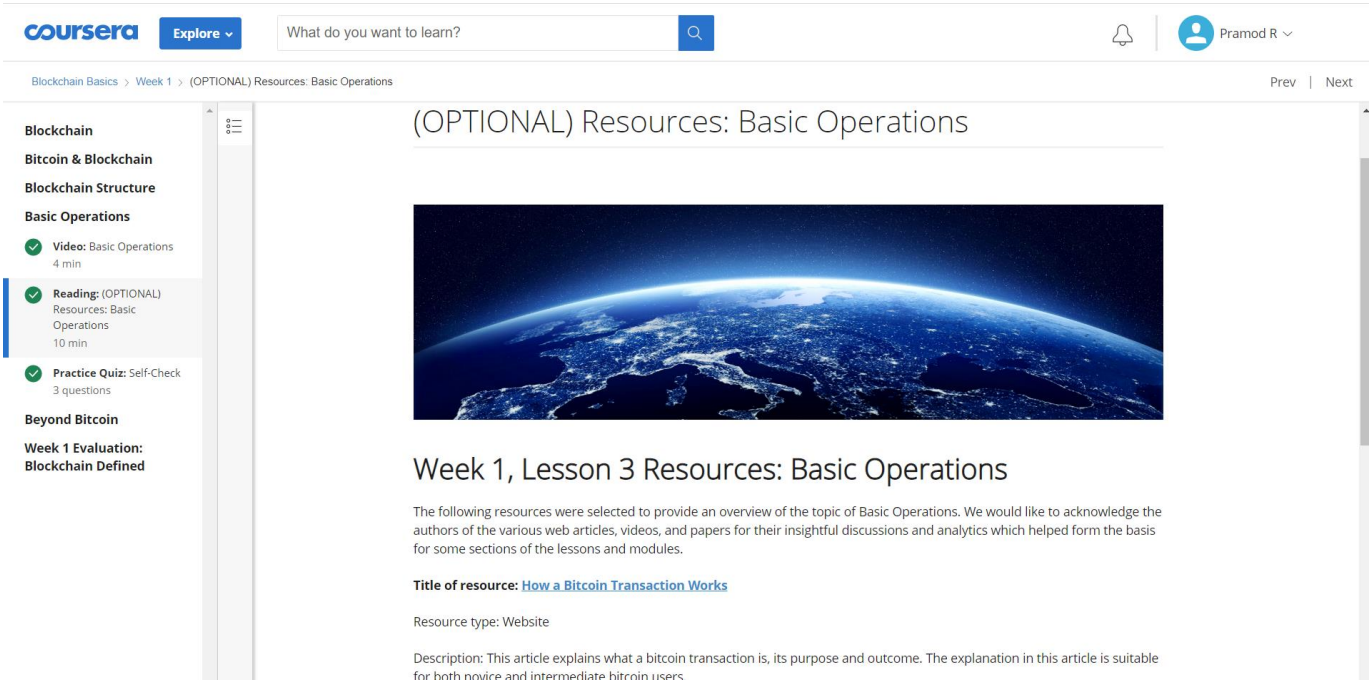
Online Test Details: (Attach the snapshot and briefly write the report for the same)



Operating Systems Internals was conducted. A total of 30 questions were there in which all the 30 of them were Multiple Choice Questions.

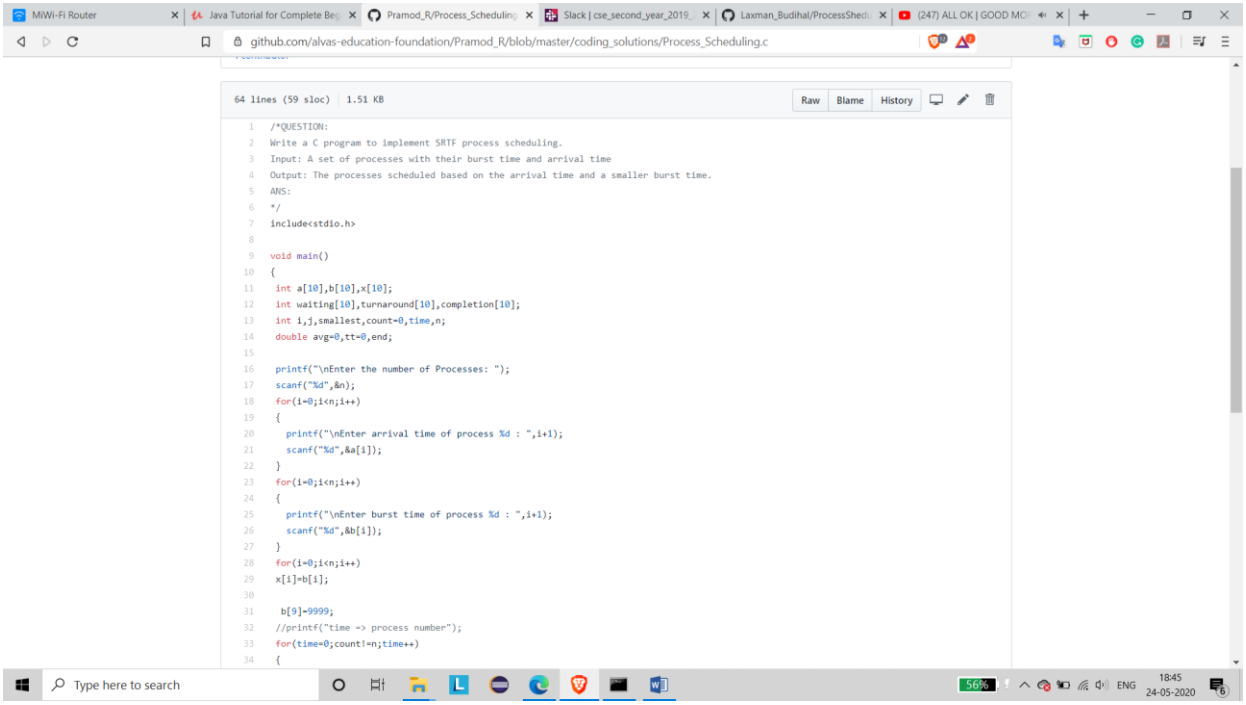
The above snapshot is the result sheet which was mailed to us by the Techgig team

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



github.com/alvas-education-foundation/Pramod_R/blob/master/coding_solutions/Process_Scheduling.c

64 lines (59 sloc) 1.51 KB

Raw Blame History

```
/*QUESTION:
Write a C program to implement SRTF process scheduling.
Input: A set of processes with their burst time and arrival time
Output: The processes scheduled based on the arrival time and a smaller burst time.
ANS:
*/
include<stdio.h>

void main()
{
 int a[10],b[10],x[10];
 int waiting[10],turnaround[10],completion[10];
 int i,j,smallest,count=0,time,n;
 double avg=0,tt=0,end;

 printf("\nEnter the number of Processes: ");
 scanf("%d",&n);
 for(i=0;i<n;i++)
 {
   printf("\nEnter arrival time of process %d : ",i+1);
   scanf("%d",&a[i]);
 }
 for(i=0;i<n;i++)
 {
   printf("\nEnter burst time of process %d : ",i+1);
   scanf("%d",&b[i]);
 }
 for(i=0;i<n;i++)
 x[i]=b[i];

  b[9]=9999;
 //printf("time -> process number");
 for(time=0;count!=n;time++)
 {
```

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ENG 18:45 24-05-2020

The question I took to code is:

Write a C program to implement SRTF process scheduling.

Input-A set of processes with their burst time and arrival time

Output-The processes scheduled based on the arrival time and a smaller burst time.

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