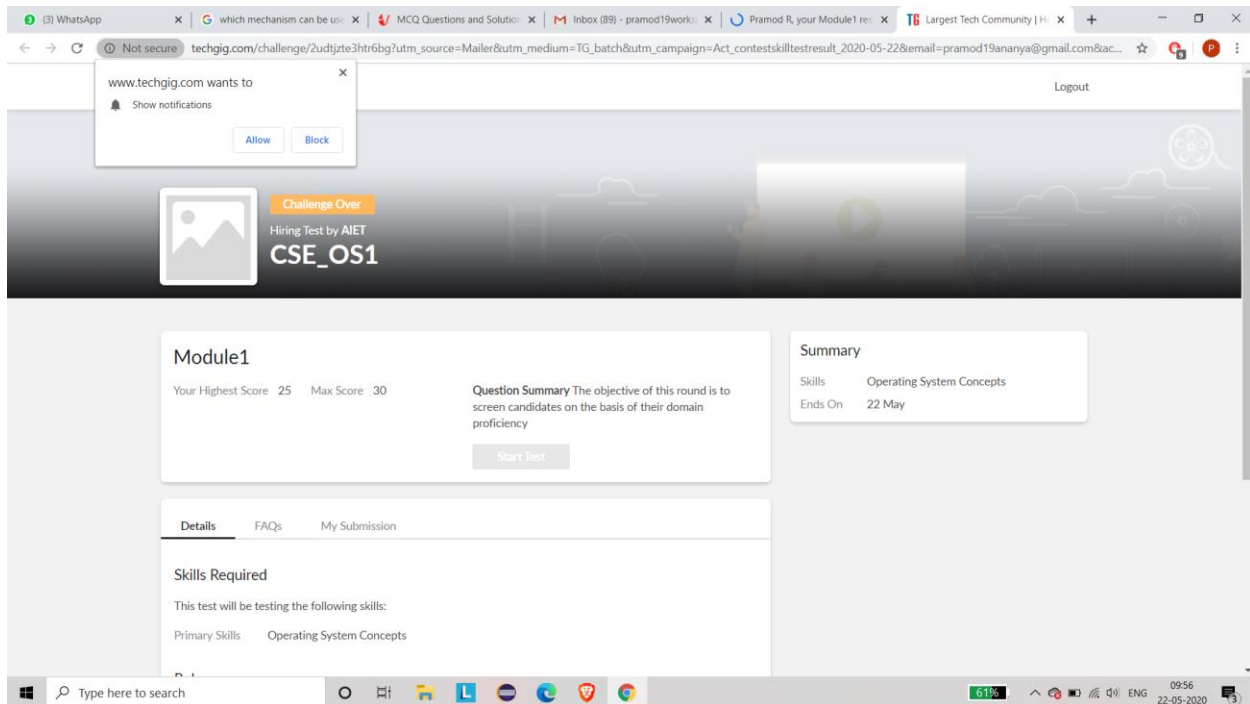


DAILY ONLINE ACTIVITIES SUMMARY

Date:	22/05/2020	Name:	Pramod R
Sem & Sec	4 th 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)

 Explore ▾

What do you want to learn? 

  Pramod R ▾

Blockchain Basics > Week 1 > (OPTIONAL) Resources: Basic Operations Prev | Next

Blockchain

Bitcoin & Blockchain

Blockchain Structure

Basic Operations

Video: Basic Operations
4 min


Reading: (OPTIONAL)
Resources: Basic
Operations
10 min

Practice Quiz: Self-Check
3 questions

Beyond Bitcoin

Week 1 Evaluation:
Blockchain Defined

(OPTIONAL) Resources: Basic Operations



Week 1, Lesson 3 Resources: Basic Operations

The following resources were selected to provide an overview of the topic of Basic Operations. We would like to acknowledge the authors of the various web articles, videos, and papers for their insightful discussions and analytics which helped form the basis for some sections of the lessons and modules.

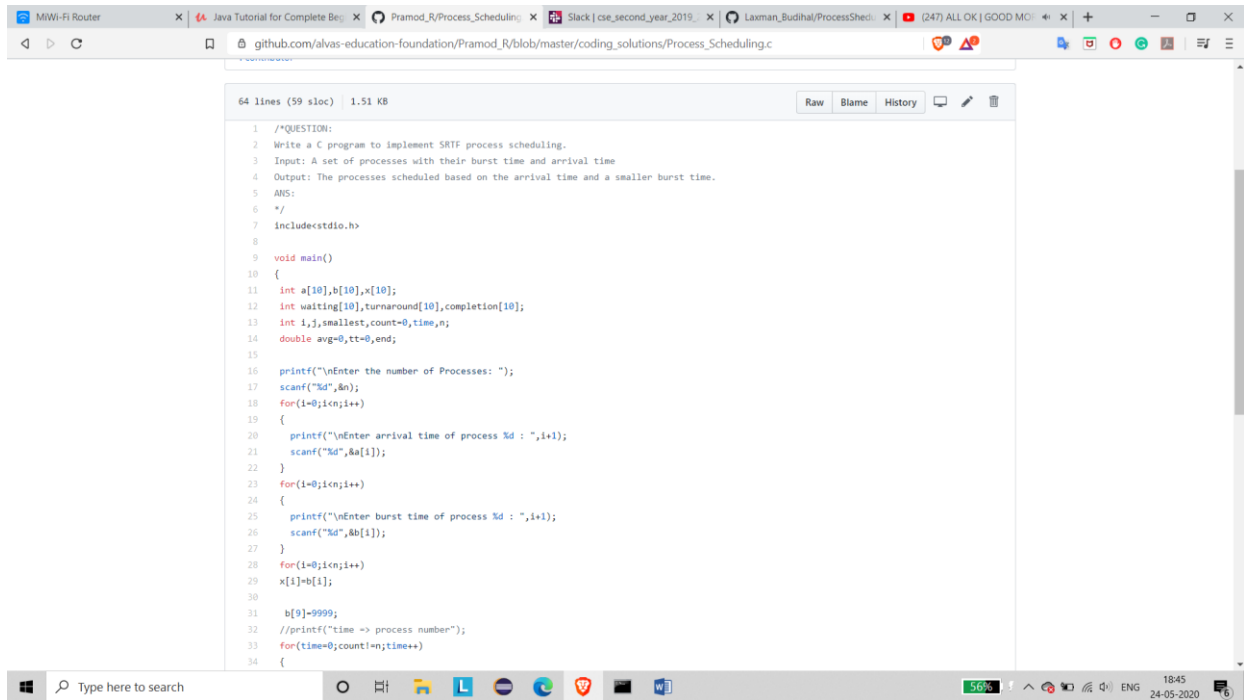
Title of resource: [How a Bitcoin Transaction Works](#)

Resource type: Website

Description: This article explains what a bitcoin transaction is, its purpose and outcome. The explanation in this article is suitable for both novice and intermediate bitcoin users.

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

A screenshot of a web browser displaying a GitHub repository. The browser's address bar shows the URL: `github.com/alvas-education-foundation/Pranod_R/blob/master/coding_solutions/Process_Scheduling.c`. The repository page shows a file named `Process_Scheduling.c` with 64 lines of code (59 sloc) and a size of 1.51 KB. The code is displayed in a light blue editor with line numbers from 1 to 34. The code is a C program for implementing SRTF process scheduling. It includes a comment block with the question and input/output details. The program uses arrays to store arrival times, burst times, waiting times, and completion times. It prompts the user to enter the number of processes and then the arrival and burst times for each process. The program calculates the waiting time for each process based on the SRTF scheduling algorithm. The code is as follows:

```
1  /*QUESTION:
2  Write a C program to implement SRTF process scheduling.
3  Input: A set of processes with their burst time and arrival time
4  Output: The processes scheduled based on the arrival time and a smaller burst time.
5  AIS:
6  */
7  #include<stdio.h>
8
9  void main()
10 {
11     int a[10],b[10],x[10];
12     int waiting[10],turnaround[10],completion[10];
13     int i,j,smallest,count=0,time,n;
14     double avg=0,tt=0,end;
15
16     printf("\nEnter the number of Processes: ");
17     scanf("%d",&n);
18     for(i=0;i<n;i++)
19     {
20         printf("\nEnter arrival time of process %d : ",i+1);
21         scanf("%d",&a[i]);
22     }
23     for(i=0;i<n;i++)
24     {
25         printf("\nEnter burst time of process %d : ",i+1);
26         scanf("%d",&b[i]);
27     }
28     for(i=0;i<n;i++)
29     x[i]=b[i];
30
31     b[9]=9999;
32     //printf("time => process number");
33     for(time=0;count<n;time++)
34     {
```

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