

## DAILY ONLINE ACTIVITIES SUMMARY

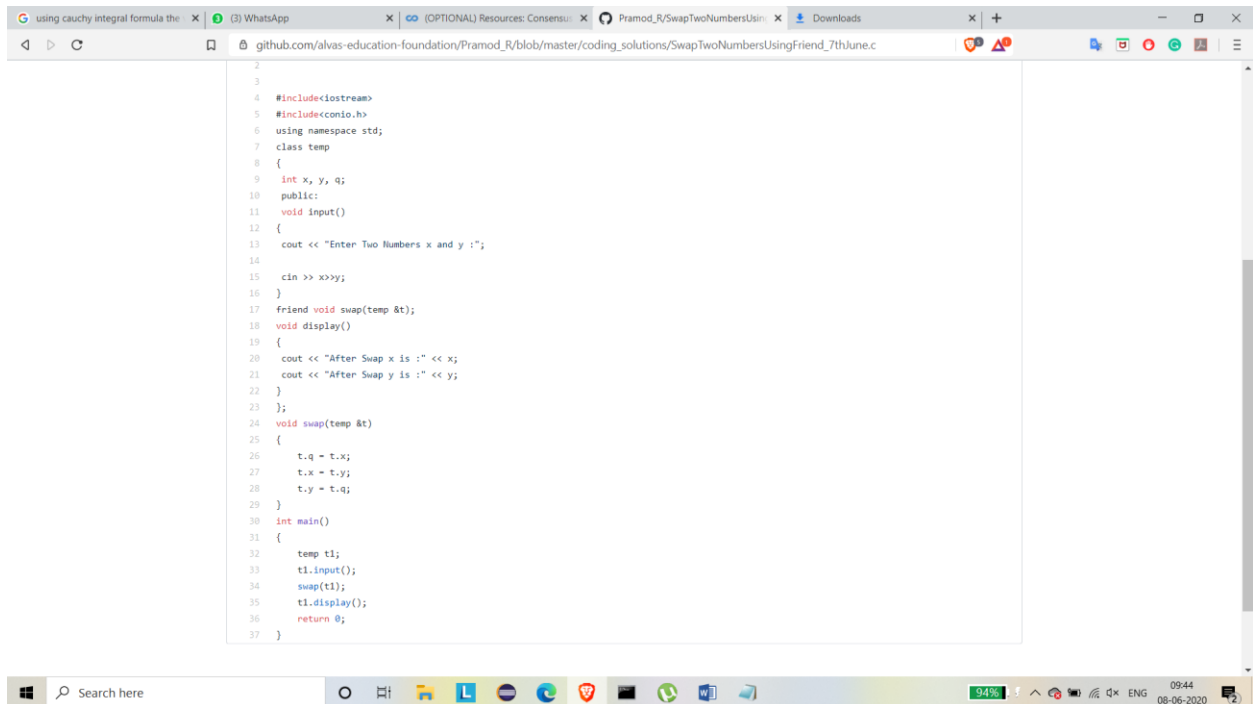
Date:	07/06/2020	Name:	Pramod R
Sem & Sec	4 <sup>th</sup> sem B section	USN:	4AL18CS059
<b>Online Test Summary</b>			
Subject	-		
Max. Marks	-	Score	-
<b>Certification Course Summary</b>			
Course	Blockchain Basics		
Certificate Provider	Coursera	Duration	4 weeks
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Write a C++ Program to swap two numbers using friend as a bridge concept.			
<b>Status:</b> Completed			
Uploaded the report in Github		YES	
If yes Repository name		<a href="https://github.com/alvas-education-foundation/Pramod_R">https://github.com/alvas-education-foundation/Pramod_R</a>	
Uploaded the report in slack		YES	

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

The screenshot shows the Coursera course interface for 'Blockchain Basics'. The top navigation bar includes the Coursera logo, an 'Explore' button, a search bar with the text 'What do you want to learn?', and a user profile icon for 'Pramod R'. Below the navigation bar, the breadcrumb trail reads 'Blockchain Basics > Week 4 > Practitioner's Perspective: Decentralized Governance'. The main content area is titled 'Practitioner's Perspective: Decentralized Governance' and features a video player. The video shows a man with glasses and a beard, wearing a grey blazer over a light blue shirt, speaking. A subtitle at the bottom of the video reads '"No, I'm the expert."'. To the left of the video player is a sidebar menu with the following items: 'Decentralized Systems', 'Consensus Protocol' (with a green checkmark), 'Video: Consensus Protocol' (2 min), 'Video: Practitioner's Perspective: Decentralized Governance' (2 min, highlighted with a blue bar), 'Reading: (OPTIONAL) Resources: Consensus Protocol' (1h), 'Practice Quiz: Self-Check' (2 questions), 'Robustness', 'Forks', 'Week 4 Evaluation: Trust Essentials', 'Final Course Project', and 'Blockchain Basics: Key Takeaways'. Below the video player are buttons for 'Save Note', 'Discuss', and 'Download', along with social media sharing icons.

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)



```
2
3
4 #include<iostream>
5 #include<conio.h>
6 using namespace std;
7 class temp
8 {
9     int x, y, q;
10 public:
11     void input()
12     {
13         cout << "Enter Two Numbers x and y :";
14
15         cin >> x>>y;
16     }
17     friend void swap(temp &t);
18     void display()
19     {
20         cout << "After Swap x is :\" << x;
21         cout << "After Swap y is :\" << y;
22     }
23 };
24 void swap(temp &t)
25 {
26     t.q = t.x;
27     t.x = t.y;
28     t.y = t.q;
29 }
30 int main()
31 {
32     temp t1;
33     t1.input();
34     swap(t1);
35     t1.display();
36     return 0;
37 }
```

The question I took to code is:

Write a C++ Program to swap two numbers using friend as a bridge concept.

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