### **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	28/06/2020		Name:	Deepa	
Sem &	8 <sup>th</sup> Sem		USN:	4AL16CS029	
Sec					
Online Test Summary					
Subject					
Max. Marks			Score		
Certification Course Summary					
Course	The Complete 2019 Raspberry Pi bootcamp				
Certificate		udemy.com/	Duration		4 hrs
Provider					
Coding Challenges					
Problem Statement: 1) Write a C program to check weather given matrix is upper					
triangular or not.					
Status: Completed					
Uploaded the report in Github			Yes		
If yes Repository name			Daily_report		
Uploaded the report in slack			yes		

#### **Online Test Details:**

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#### **Certification Course Details:**

- 18. A tour inside Raspberry Pi Operating System
  - O 4min
- 19. Raspberry Pi Command Line
  - O 6min
- 20. Updating Software Packages
  - O 6min

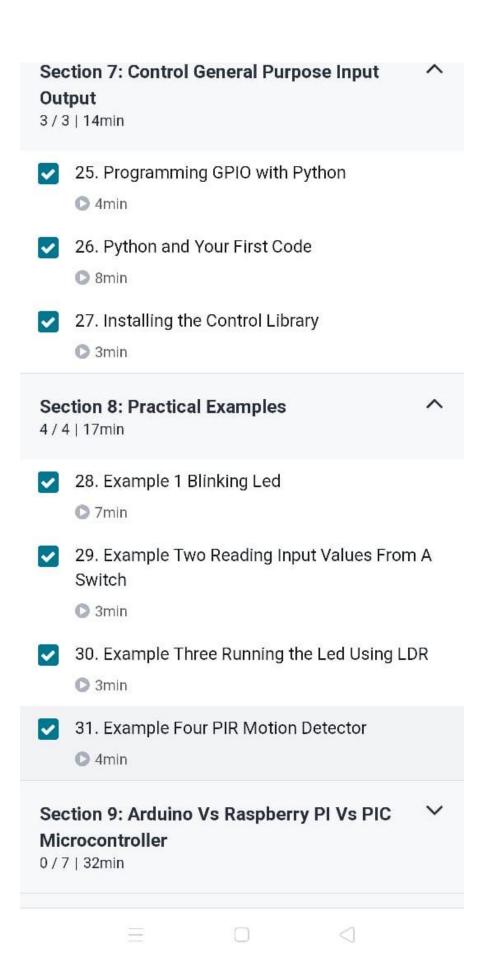
## Section 6: Control Raspberry Pi Board From another device

4 / 4 | 19min

- 21. Control Raspberry Pi from another Device using SSH
  - O 4min
- 22. Control Raspberry Pi from another Device using VNC Server
  - O 8min
- 23. Assign A fix IP Address for Raspberry Pi Board
  - O 4min
- 24. Connecting Raspberry Pi to another computer using Network Cable
  - O 4min

# Section 7: Control General Purpose Input Output

0/3|14min



### **Coding Challenges Details:**

```
Program 1:
#include <stdio.h>
int main()
{
  int n;
  printf("Enter the values of n: ");
  scanf("%d",&n);
  int flag = 0;
  int mat[n][n];
  int i, j;
  printf("Enter the elements:\n");
  for(i = 0; i < n; i++)
  {
    for(j = 0; j < n; j++)
      scanf("%d",&mat[i][j]);
 }
  for (i = 1; i < n; i++)
    for (j = 0; j < i; j++)
      if (mat[i][j] != 0)
        flag = 0;
```

```
else
  flag = 1;
if (flag == 1)
  printf("Upper Triangular Matrix\n");
else
  printf("Not an Upper Triangular Matrix\n");
return 0;
}
```