DAILY ONLINE ACTIVITIES SUMMARY

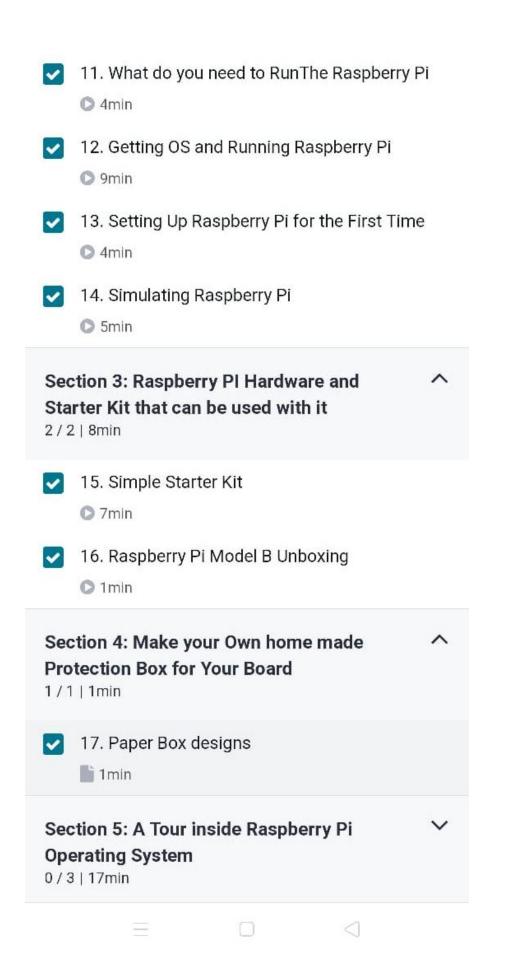
Date:	27/06/2020		Name:	Deepa	
Sem &	8 th Sem		USN:	4AL16CS029	
Sec					
Online Test Summary					
Subject					
Max. Marks			Score		
Certification Course Summary					
Course	The Complete 2019 Raspberry Pi bootcamp				
Certificate		udemy.com/	Duration		4 hrs
Provider		•			
Coding Challenges					
Problem Statement: 1) Write a C program to find largest palindrome in given					
array					
Status: Completed					
Uploaded the report in Github			Yes		
If yes Repository name			Daily_report		
Uploaded the report in slack			yes		

Online Test Details:

- -

Certification Course Details:

- 1. Introduction
 - O 3min
- 2. Who we are
 - O 1min
- 3. Qucik Intro To Raspberry Pi World
 - O 5min
- 4. 10 Uses for Raspberry Pi Board
 - 2min
- 5. Very Important Note: Review Process
 - in 1min
- 6. Different Versions of Raspberry Pi
 - 3min
- 7. Raspberry Pi Components
 - 2min
- 8. OS Versions Available for Raspberry Pi
 - O 6min
- 9. Arduino Vs Raspberry Pi Vs BeagleBone
 - O 6min
- 10. Course Material Works with any high tech board!
 - 1min



Coding Challenges Details:

```
Program 1:
#include<stdio.h>
int check_palindrome(int n)
{
  int div = 1;
  while (n/div >= 10)
    div *=10;
 while (n != 0)
 {
    int first = n / div;
    int last = n % 10;
    //If first and last digits are not same then return false
    if (first !=last)
      return -1;
    // Removing the leading and trailing digits from the number
    n = (n \% div) / 10;
```

```
// Reducing divisor by a factor of 2 as 2 digits are dropped
     div = div / 100;
  }
   return 1;
}
 int large_palindrome(int A[], int n)
{
   int i;
  // Sort the array
   for(inti=0; i<=n; i++)
   {
     for(int j=i; j<= n; j++)
     {
       if(A[i] > A[j])
       {
         int temp = A[i];
         A[i] = A[j];
         A[j] = temp;
       }
     }
   }
```

for(int i=0; i<n; i++)

```
{
     printf("%d ", A[i]);
  }
   for (i=n-1; i >= 0; i--)
   {
     if (check_palindrome(A[i]) == 1)
       return A[i];
  }
   return -1;
 }
 int main()
 {
   int a[15], n, i;
   printf("Enter the number of entries: \n");
   scanf("%d", &n);
   printf("Enter the elements: \n");
   for(i=0; i<n; i++)
     scanf("%d", &a[i]);
   printf("\n Largest Palindrome: %d\n", large_palindrome(a, n));
   return 0;
}
```