

DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/06/2020	Name:	Divya C H
Sem & Sec	8 th Sem	USN:	4AL16CS033
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	C programming for beginners – Master the C fundamentals		
Certificate Provider	udemy.com/	Duration	10 hrs
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:

UdeMy | C Programming for Beginners - Master the C Fundamentals

★ Leave a rating | 🏆 Your progress | ➦ Share | ⓘ

Strings in C Programming Language

Recall the "arrays" topic

1 2 3 4 5 6 7 8 9

Overview | Q&A | Notes | Announcements

About this course

Master the Fundamentals of Programming in C Programming Language

Course content

- ✓ 119. Challenge #1 - Fibonacci (4min)
- ✓ 120. Challenge #1 - Solution (5min)
- ✓ 121. Challenge #2 - Sum of Digits in a Number (2min)
- ✓ 122. Challenge #2 - Solution (8min)
- ✓ 123. Challenge #3 - Count of Digits (2min)
- ✓ 124. Challenge #3 - Solution (6min)

Section 13: Congratulations!
1 / 1 | 1min

- ✓ 125. You're finished! (1min)

gautham_28-Jun-....docx | gautham_27-Jun-....docx | gautham_26-Jun-....docx | Microsoft_SQL_Ser....pdf | Show all

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(int i=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;  
}
```

