**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **08-7-2020** | | | | **Name:** | **K Manasa** | |
| **Sem & Sec** | **8th sem A sec** | | | | **USN:** | **4al16cs043** | |
| **Online Test Summary** | | | | | | | |
| **Subject** | | **No Test** | | | | | |
| **Max. Marks** | |  | | **Score** | |  | |
| **Certification Course Summary** | | | | | | | |
| **Course** | **Introduction to R language tutorial** | | | | | | |
| **Certificate Provider** | | | **Great learning academy** | **Duration** | | | **3.0hr** |
| **Coding Challenges** | | | | | | | |
| **Problem Statement:** **1**. **to read the number and compute the series.**  **2. to count the number in th series.**  **3. to check whether number is palindrome or not.**  **4. to find the number between 0 and 50 which are not divisible by 2 and 3.**  **5.micro and array update**  Top of Form | | | | | | | |
| **Status:completed** | | | | | | | |
| **Uploaded the report in Github** | | | | **yes** | | | |
| **If yes Repository name** | | | | **Manasa** | | | |
| **Uploaded the report in slack** | | | | **yes** | | | |

**Online test**

No Test

**Certification course**



**C Program – Quicksort algorithm implementation**

#include<stdio.h>

void quicksort(int number[25],int first,int last){

int i, j, pivot, temp;

if(first<last){

pivot=first;

i=first;

j=last;

while(i<j){

while(number[i]<=number[pivot]&&i<last)

i++;

while(number[j]>number[pivot])

j--;

if(i<j){

temp=number[i];

number[i]=number[j];

number[j]=temp;

}

}

temp=number[pivot];

number[pivot]=number[j];

number[j]=temp;

quicksort(number,first,j-1);

quicksort(number,j+1,last);

}

}

int main(){

int i, count, number[25];

printf("How many elements are u going to enter?: ");

scanf("%d",&count);

printf("Enter %d elements: ", count);

for(i=0;i<count;i++)

scanf("%d",&number[i]);

quicksort(number,0,count-1);

printf("Order of Sorted elements: ");

for(i=0;i<count;i++)

printf(" %d",number[i]);

return 0;

}