DAILY ONLINE ACTIVITIES SUMMARY

Date:	**21/05/20**	**Name:**	**SARANG VK**
Sem & Sec	**8th B**	**USN:**	**4AL16CS085**

Online Test Summary

Subject	**SMS 2**		
Max. Marks	**60**	**Score**	**43**

Certification Course Summary

Course	**HADOOP**		
Certificate Provider	**GREATLEARNING**	**Duration**	**48 MINUTES**

Coding Challenges

Problem Statement: C Program to Reverse a Linked List in groups of given size.	
Status:COMPLETED	
Uploaded the report in Github	**YES**
If yes Repository name	**alvas-education-foundation/sarang_vk**
Uploaded the report in slack	**YES**

```
#include<stdio.h>
#include<stdlib.h>
struct Node
{
int data;
struct Node* next;
  };
struct Node reverse(struct Node head,int k)
{
struct Node current= head;
struct Node next= Null;
struct Node prev= Null;ko
int count = 0;
          while(current!=Null && count<k)
          {
              next= current->next;
              current->next = prev;
prev= current;
              current= next;
              count++;
          }
          if ( next!=Null)
          head->next= reverse( next,k);
          return prev;
         }
        void push( struct Node ==head_ref,intnew_data)
         {
struct Node= new_node= (struct Node*) malloc(sizeof(struct Node));
 }
}
int main()
{
Struct node *prev,*head,*p;
intn,i;
printf ("number of elements:");
scanf("%d",&n);
   head=NULL;
   for(i=0;i<n;i++)
   {
       p=malloc(sizeof(struct node));
scanf("%d",&p->data);
       p->next=NULL;
       if(head==NULL)
          head=p;
       else
```

```
prev->next=p;
prev=p;
    }
    return 0;
}
```