

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	21/05/2020	Name:	Shruthi
Sem & Sec	8B	USN:	4AL16CS100
<b>Online Test Summary</b>			
Subject	SMS		
Max. Marks	60	Score	45
<b>Certification Course Summary(Internship)</b>			
Task	Study-1.Learning the concepts of ETL and ETL tools. 2.Creating an UI using an ETL tool.		
company	Gain-insights	Duration	9 hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1) C Program to Reverse a Linked List in groups of given size.			
<b>Status:completed</b>			
Uploaded the report in Github		Yes	
If yes Repository name		alvas-education-foundation/ sheetal-shettigar	
Uploaded the report in slack		Yes	

## ONLINE TEST:

**TECHGIG**

Hi Shruthi Kamath,

You have scored **45 marks** in **SMS1**.

[See Assessment](#)

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About The Assessment



**SMS\_II\_IA**  
Round 1 ends on: 21 May, 2020 (1 Hour)

Warm Regards,  
TechGig Team

## CODING CHALLENGE:

PROGRAM 1 :

```
#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,int new_data)
{
    struct Node= new_node= (struct Node*) malloc(sizeof(struct Node));
}
}
int main()
{
    Struct node *prev,*head,*p;
    int n,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;
}

```