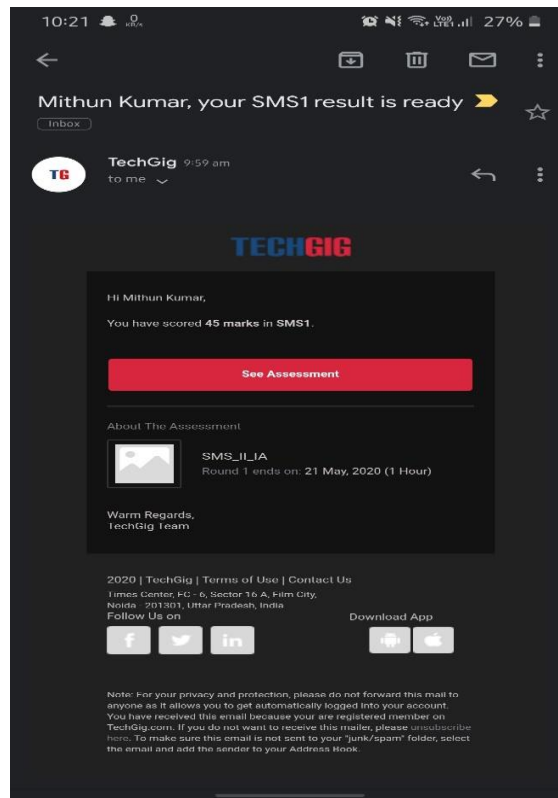


## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>20/05/2020</b>	<b>Name:</b>	<b>Mithun Kumar D</b>
<b>Sem &amp; Sec</b>	<b>VIII Semester &amp; A section</b>	<b>USN:</b>	<b>4AL16CS053</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>SMS</b>		
<b>Max. Marks</b>	<b>60</b>	<b>Score</b>	<b>45</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Planning an AWS Outpost Implementation</b>		
<b>Certificate Provider</b>	<b>AWS</b>	<b>Duration</b>	<b>(80 mins)</b>
<b>Coding Challenges</b>			
<b>Problem Statement: 1) Write a C Program to Reverse a Linked List in groups of given size.</b>			
<b>Status: COMPLETED</b>			
<b>Uploaded the report in Github</b>		<b>YES</b>	
<b>If yes Repository name</b>		<b>mkd18</b>	
<b>Uploaded the report in slack</b>		<b>YES</b>	

## Online Test Details:



## Certification Course Details:



### Coding Challenges Details:

1) Write a C Program to Reverse a Linked List in groups of given size.

```
#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;
    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;
```

```
}
```