DAILY ONLINE ACTIVITIES SUMMARY

Date:	**20/05/2020**	**Name:**	**Venkata Chandrashekar M S**
Sem & Sec	**8th- B**	**USN:**	**4AL16CS119**

Online Test Summary

Subject	**Internet of Things**		
Max. Marks	**30**	**Score**	**26**

Certification Course Summary

Course	**SQL tutorial course**		
Certificate Provider	**SOLOLEARN**	**Duration**	**1 hour**

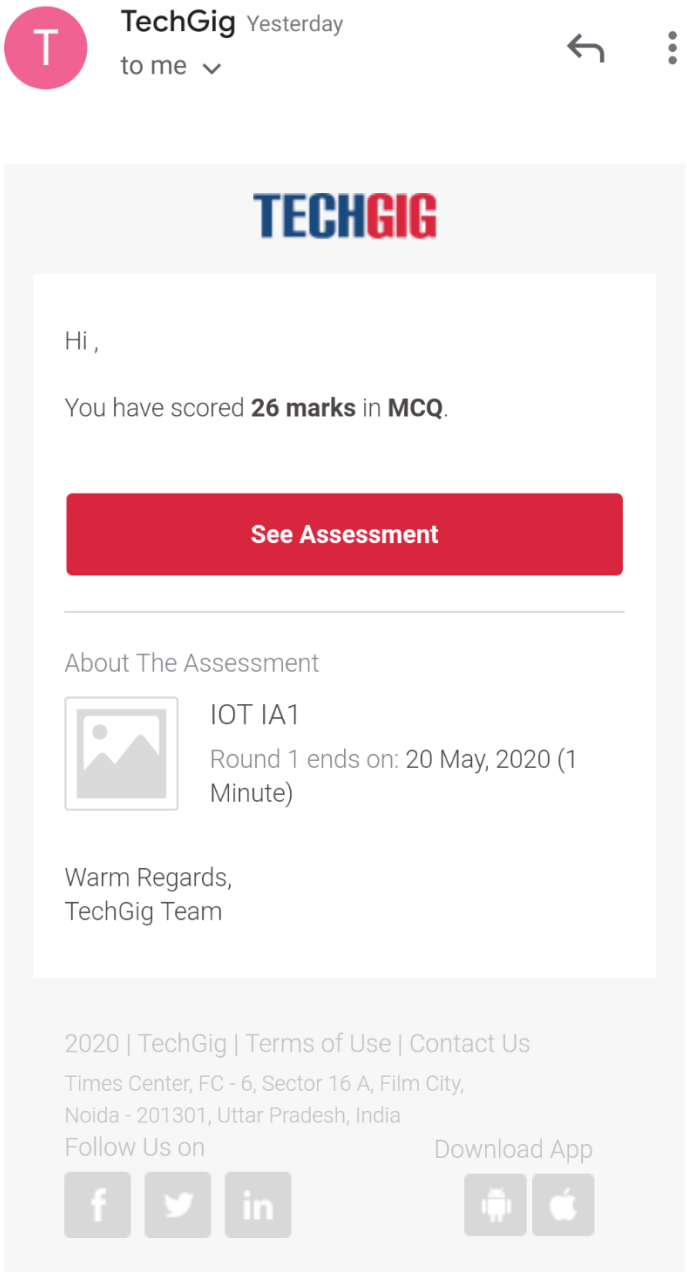
Coding Challenges

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

Status: Executed

Uploaded the report in Github	**Yes**
If yes Repository name	**venkatchandrashekar**
Uploaded the report in slack	**Yes**

Online Test Details:



TechGig Yesterday
to me

TECHGIG

Hi ,

You have scored **26 marks** in **MCQ**.

See Assessment

About The Assessment

IOT IA1

Round 1 ends on: 20 May, 2020 (1 Minute)

Warm Regards,
TechGig Team

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Times Center, FC - 6, Sector 16 A, Film City,
Noida - 201301, Uttar Pradesh, India

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Certification Course Details:

Coding Challenges Details:

1) struct Node

{

int data;

struct Node* next;

};

pointer to the new head node. /

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));

new_node->data = new_data;

new_node->next = (*head_ref);

(*head_ref)    = new_node;
}
void printList(struct Node *node)
{
while (node != NULL)
{
printf("%d ", node->data);
node = node->next;
}
int main(void)
{
struct Node* head = NULL;
push(&head, 8);
```

```
push(&head, 7);
push(&head, 6);
push(&head, 5);
push(&head, 4);
push(&head, 3);
push(&head, 2);
push(&head, 1);
 printf("\nGiven linked list \n");
 printList(head);
 head = reverse(head, 2);
printf("\nReversed Linked list \n");
printList(head);
 return(0);
```