DAILY ONLINE ACTIVITIES SUMMARY

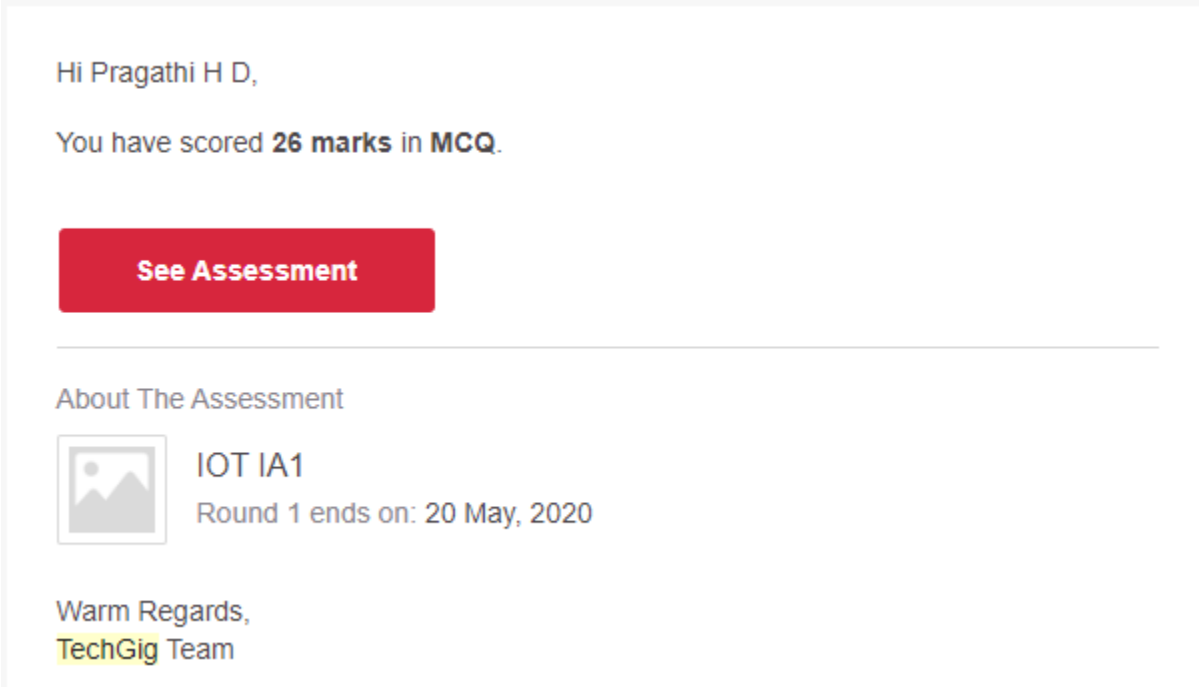
Date:	**20/05/2020**	**Name:**	**Pragathi h d**
Sem & Sec	**8 sem B sec**	**USN:**	**4AL16CS066**
Online Test Summary			
Subject	**IOT**		
Max. Marks	**30**	**Score**	**26**
Certification Course Summary			
Course	**Introduction to ethical hacking**		
Certificate Provider	**Great Learning**	**Duration**	**6.00hrs**
Coding Challenges			
Problem Statement: 1) finding frequency of each character in a string and to print even and odd for series. 2) java program			
Status: Solved			
Uploaded the report in Github		**Uploaded**	
If yes Repository name		**Pragathijain**	
Uploaded the report in slack		**yes**	

Online Test Details: (Attach the snapshot and briefly write the report for the same)

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

Online test



Online coding

Program 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);
```

}

Certificate course