

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	20/05/2020	Name:	Pragathi h d
Sem & Sec	8 sem B sec	USN:	4AL16CS066
<b>Online Test Summary</b>			
Subject	IOT		
Max. Marks	30	Score	26
<b>Certification Course Summary</b>			
Course	Introduction to ethical hacking		
Certificate Provider	Great Learning	Duration	6.00hrs
<b>Coding Challenges</b>			
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

Hi Pragathi H D,

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

[See Assessment](#)

About The Assessment



IOT IA1

Round 1 ends on: 20 May, 2020

Warm Regards,  
TechGig Team

## 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

Courses / [Introduction to Ethical Hacking](#) / [Domains and Process Implementation under Ethical Hacking](#)

### Content

#### Learning Videos

- ▶ Career and Growth Ladder in Ethical Hacking ✓
- ▶ Domains and Process Implementation under Ethical Hacking ✓
- ▶ Ethical Hacking in Network Architecture-Demonstration ⌚
- ▶ Ethical Hacking in Web Applications-Demonstration ✓
- ▶ Ethical Hacking on Mobile Platforms-Demonstration ✓
- ▶ What is Ethical Hacking



### Domains and Process Implementation under Ethical Hacking



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