


DAILY ONLINE ACTIVITIES SUMMARY

| | | | |
|---|--|---------------------|-------------------|
| Date: | 20/5/2020 | Name: | Deepa |
| Sem & Sec | 8th Sem | USN: | 4AL16CS029 |
| Online Test Summary | | | |
| Subject | Internet of Things | | |
| Max. Marks | 30 | Score | 22 |
| Certification Course Summary | | | |
| Course | Introduction to Ethical Hacking | | |
| Certificate Provider | greatlearning.in | Duration | 6 hrs |
| Coding Challenges | | | |
| Problem Statement: Write a C Program to Reverse a Linked List in groups of given size. | | | |
| Status: Completed | | | |
| Uploaded the report in Github | | Yes | |
| If yes Repository name | | Daily_report | |
| Uploaded the report in slack | | yes | |

Online Test Details:




Hi ,

You have scored **22 marks** in **MCQ**.

See Assessment

About The Assessment




IOT IA1

Round 1 ends on: 20 May, 2020


Warm Regards,
TechGig Team

Certification Course Details:



HomeLive Sessions

My Courses




Introduction to Ethical Hacking

Course In Progress


CONTENTASSESSMENTS


Learning Videos



Career and Growth Ladder in Ethical Hacking


18m






Domains and Process Implementation under Ethical Hacking


54m






Ethical Hacking in Network Architecture-Demonstration


48m





Ethical Hacking in Web Applications-Demonstration

50m



Coding Challenges Details:

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);
```

}