


DAILY ONLINE ACTIVITIES SUMMARY

Date:	20/05/2020	Name:	Shaima Abdul Kader
Sem & Sec	8 th B	USN:	4AL16CS087
Online Test Summary			
Subject	IOT		
Max. Marks	30	Score	26
Certification Course Summary			
Course	STEP (THE HINDU GROUP)		
Certificate Provider	ICT Academy	Duration	10 hrs
Coding Challenges			
Problem Statement: Write a C Program to Reverse a Linked List in groups of given size.			
Status: Solved Solution Link : https://github.com/alvas-education-foundation/shaima			
Uploaded the report in Github		yes	
If yes Repository name		shaima	
Uploaded the report in slack		yes	

Online Test Details:



Challenge Over

by TechGig

IOT IA1

MCQ

Your Highest Score 26 Max Score 30

Start Test

Summary

Skills

Understand, Analysis, Remember

Ends On

20 May

Details

Winners

FAQs

My Submission

This test covers Module 1 and Module 2 Syllabus

Certification Course Details:

Certificate & Score Report

5.1

SHAIMA ABDUL KADER

Level reached

5.1

Reference No: STEPATHON9/1500241

Date of Examination: 09 May, 2020

Certificate Number: SP/20200509154730/14630968

 <div>4.7</div> <div>Reading</div>	 <div>7.2</div> <div>Writing</div>	 <div>4.7</div> <div>Listening</div>	 <div>3.7</div> <div>Speaking</div>
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Pundi Sriram
Business Head, STEP

Coding Challenges Details:

```
program1:
```

```
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);
```