

DAILY ONLINE ACTIVITIES SUMMARY

Date:	20-05-2020	Name:	Nayan. P. Joshi
Sem & Sec	8 th Sem A	USN:	4AL16CS058
Online Test Summary			
Subject	Internet of Things		
Max. Marks	30	Score	27
Certification Course Summary			
Course	Introduction to Full Stack Development		
Certificate Provider	Great learning academy	Duration	60hrs
Coding Challenges			
Problem Statement: Program to Reverse a Linked List in groups of given size Python Program to Exchange the Values of Two Numbers using ^			
Status: Solved			
Uploaded the report in GitHub		yes	
If yes Repository name		nayan1998	
Uploaded the report in slack		yes	

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techgig.com/challenge/result/mcq/NFZlBkZvM1hFcUh2eVlxVk16cmNadz09

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Test Completed!

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MCQ

Your Score **27** / 30

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SMS1 | Techgig Introduction to Full Stack Development

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Heading Tag	Evaluation Pending
7. Hr and Br Tags	5m
Hr and Br Tag	Your Score: 1/1
8. Anchor Tag	6m
Anchor Tag	Evaluation Pending
9. Absolute and Relative path	8m
Absolute and Relative path	Your Score: 0/1
10. Link it Online	8m
Link it online	Your Score: 0/1
11. Image Tag	6m
Image Tag	

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Program1(Write a C Program to Reverse a Linked List in groups of given size.)

```
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); `

```

Python Program to Exchange the Values of Two Numbers using ^ (exclusive or operator)

```

x=10
y=12
x = x ^ y;
y = x ^ y;
x = x ^ y;
print ("After Swapping: x = ", x, " y =", y)

```