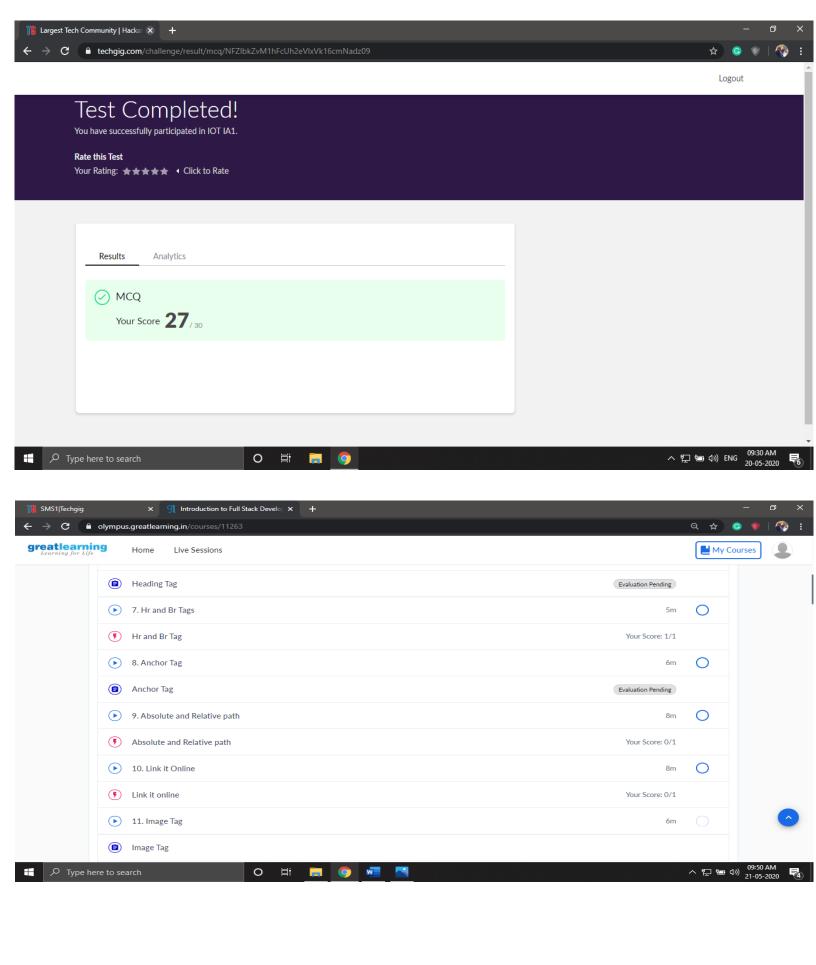
## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	20-05-2020		Name:	Nayan. P. Joshi		
Sem & Sec	8th Sem A		USN:	4AL16CS058		
Online Test Summary						
Subject	Intern	et 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						
<b>Problem Statement:</b> Program to Reverse a Linked List in groups of given size						
Python Program to Exchange the Values of Two Numbers using ^						
Status: Solved						
Uploaded th	e report i	n GitHub	yes			
If yes Repository name			nayan1998			
Uploaded the report in slack			yes			



## **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 \wedge y;
y = x ^ y;
x = x \wedge y;
print ("After Swapping: x = ", x, " y = ", y)
```