

DAILY ONLINE ACTIVITIES SUMMARY

Date:	20/05/2020	Name:	AMEEN AHMED
Sem & Sec	8 A	USN:	4AL16CS009
Online Test Summary			
Subject	IOT		
Max. Marks	30	Score	22
Certification Course Summary			
Course	INTRODUCTION TO HADOOP		
Certificate Provider	GREAT LEARNING	Duration	30 MINS
Coding Challenges			
Problem Statement: 1) Pallindrome using Stack			
Status: COMPLETED			
Uploaded the report in Github		YES	
If yes Repository name		Ameen	
Uploaded the report in slack		YES	

Online Test Details:

IOT – Module 1 Test

TECHGIG

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

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Certification Course Details:

What is Hadoop and its Ecosystem?

Hadoop Ecosystem is a platform or framework which solves big data problems. You can consider it as a suite which encompasses a number of services (ingesting, storing, analyzing and maintaining) inside it. For storage we use HDFS (Hadoop Distributed Filesystem).

The main components of Hadoop ecosystem

It comprises of different components and services (ingesting, storing, analyzing, and maintaining) inside of it. Most of the services available in the Hadoop ecosystem are to supplement the main four **core** components of Hadoop which include HDFS, YARN, MapReduce and Common.



Introduction to Hadoop

CONTENT

ASSESSMENTS

Learning Videos

	Intro to Big data	
15m		
	What is ETL	
14m		
	Intro to Hadoop	
13m		
	Distributed Computing	
8m		
	Hadoop Architecture	
6m		
	How do we Store a File in HDFS	
13m		
	Intro To Oozie and HDFS Processing	
5m		
	Hadoop Cluster Hands on	

Coding Challenges Details:

Program no: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);  
}
```