


DAILY ONLINE ACTIVITIES SUMMARY

Date:	19/05/2020	Name:	KIRAN K
Sem & Sec	8 th A	USN:	4AL16CS046
Online Test Summary			
Subject	BDA		
Max. Marks	30	Score	19
Certification Course Summary			
Course	Introduction To Hadoop		
Certificate Provider	GreatLearning	Duration	29 mins
Coding Challenges			
Problem Statement:			
Status: Completed			
Uploaded the report in Github		yes	
If yes Repository name		KiranK27751	
Uploaded the report in slack		yes	

Online Test Details:

Logout



Challenge Over
by TechGig
Big Data Analytics

IA Test One
Your Highest Score 19 Max Score 30
Question Summary The objective of this round is to screen students on the basis of their domain proficiency
[Start Test](#)

Summary
Skills Big Data Hadoop
Ends On 19 May

Details Winners FAQs My Submission

BDA first IA

Certification Course Details:

Organizations can optimize IoT data, quickly and cost-effectively deriving its business value by developing expertise in ETL (extract, transfer, load) technologies, such as stream processing and data lakes.

At many organizations, though, this may lead to IT bottlenecks, long project delays, and data science being deferred. Result: IoT projects – in which predictive analytics data is meant to play a critical role in improving operational efficiency and spurring innovation – *still* haven't crossed the proof-of-concept threshold and definitely cannot demonstrate ROI.

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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	18m	

Coding Challenges Details:

program1:

```
package shortestpalindromeexample.java;
import java.util.Scanner;

public class ShortestPalindromeDemo {

    public static String shortestPalindrome(String str) {

        int x=0;
        int y=str.length()-1;

        while(y>=0){
            if(str.charAt(x)==str.charAt(y)){
                x++;
            }
            y--;
        }

        if(x==str.length())
            return str;
```

```

String suffix = str.substring(x);
String prefix = new StringBuilder(suffix).reverse().toString();
String mid = shortestPalindrome(str.substring(0, x));

return prefix+mid+suffix;
}

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

System.out.println("Enter a String to find out shortest palindrome");

String str=in.nextLine();

System.out.println("Shortest palindrome of "+str+" is "+shortestPalindrome(str));

}

```

program 2

```

import java.util.Stack;

class Node {
int data;
Node next;

Node(int i)
{
    this.data = i;
    this.next = null;
}
};

class Main
{
public static boolean isPalindrome(Node head)
{
// construct an empty stack
Stack s = new Stack<>();
Node node = head;
while (node != null) {
s.push(node.data);
node = node.next;
}

    node = head;
    while (node != null)
    {
        int top = s.pop();
        if (top != node.data) {
            return false;
        }
    }
}
}

```

```
        node = node.next;
    }

    return true;
}

public static void main(String[] args)
{
    Node head = new Node(1);
    head.next = new Node(2);
    head.next.next = new Node(3);
    head.next.next.next = new Node(2);
    head.next.next.next.next = new Node(1);

    if (isPalindrome(head)) {
        System.out.print("Linked List is a palindrome.");
    } else {
        System.out.print("Linked List is not a palindrome.");
    }
}
}
```