

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>10-06-2020</b>	<b>Name:</b>	<b>M.C Suchithra Heggade</b>
<b>Sem &amp; Sec</b>	<b>6<sup>th</sup> Sem 'A' Sec</b>	<b>USN:</b>	<b>4AL17CS047</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>SSCD</b>		
<b>Max. Marks</b>	<b>30</b>	<b>Score</b>	<b>28</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Front end Development-HTML</b>		
<b>Certificate Provider</b>	<b>Great Learning</b>	<b>Duration</b>	<b>5 hr</b>
<b>Coding Challenges</b>			
<b>1.Sum of boundary elements</b>  <b>Write a C Program to print the sum of boundary elements of a matrix.</b>			
<b>2.Min and Max in CLL</b>  <b>Write a Java program to find the maximum and minimum value node from a circular linked list</b>			
<b>3.Fibonacci number</b>  <b>Python Program to check whether a given number is a fibonacci number or not.</b>			
<b>Status: Completed</b>			

<b>Uploaded the report in Github</b>	<b>yes</b>
<b>If yes Repository name</b>	<a href="https://github.com/Suchitraheggade/certification-and-Online-coding">https://github.com/Suchitraheggade/certification-and-Online-coding</a>
<b>Uploaded the report in slack</b>	<b>yes</b>

## Online Test Details:

## SSCD:

Browser tabs: (no subject) - sucheetra6565@gmail.com, Largest Tech Community | Hackers, +

Address bar: techgig.com/challenge/result/analysis/Z0lIMHh3TmdlcZjGOUdsM21pTjdpZz09

Page header: sucheetra6565@gmail.com Logout

### Test Completed!

You have successfully participated in System Software and Compiler Design IA 4.

Rate this Test  
Your Rating: ★★★★★ • Click to Rate

Results Analytics

Test 2 submitted

Analysis

Your Score

**8** / 8

Test 1 submitted

MCQ

Your Score

**20** / 22

Waiting for www.facebook.com...

Taskbar: Search, Edge, File Explorer, VS Code, 26, Chrome, System tray: Network, Volume, ENG, 09:59, 10-06-2020

## Certification Course Details:

## Topics completed:

## Clickable Image-2

## Unordered Lists.

The screenshot shows a web browser window displaying a Great Learning course page. The browser's address bar shows the URL: [olympus.greatlearning.in/courses/12761/pages/13-clickable-image-2?module\\_item\\_id=546655](https://olympus.greatlearning.in/courses/12761/pages/13-clickable-image-2?module_item_id=546655). The page header includes the Great Learning logo and navigation links: Home, Live Sessions, Certificates, and My Courses. The main content area is titled "13. Clickable Image-2". On the left, a sidebar lists the course content, with "13. Clickable Image-2" selected. The main area displays an HTML code editor with the following code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Document</title>
</head>
<body>
  
  
  <a href="https://en.wikipedia.org/wiki/Mickey_Mouse">
  </a>
</body>
</html>
```

A video player overlay is visible in the bottom right corner of the code editor, showing a man speaking. The Windows taskbar at the bottom indicates the date and time as 20:26 on 03-06-2020.

14. Unordered Lists: Front end < x +

olympus.greatlearning.in/courses/12761/pages/14-unordered-lists/module\_item\_id=546657

greatlearning Learning for Life Home Live Sessions Certificates My Courses

Courses / Front end Development - HTML / 14. Unordered Lists

Content

- Image Tag
- 12. Alt Attribute
- 13. Clickable Image-2
- Clickable Image
- 14. Unordered Lists
- Unordered Lists
- 15. Ordered Lists
- Ordered Lists
- 16. Tables 1
- Tables-1
- 17. Tables 2
- Tables-2

14. Unordered Lists

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1">
6 <meta http-equiv="X-UA-Compatible" content="ie=edge">
7 <title Document <title>
8 </head>
9 <body>
10
11
12 </body>
13 </html>

```

Windows Search

09:57 06-06-2020

## Coding Challenges Details:

### 1.Sum of boundary elements

Write a C Program to print the sum of boundary elements of a matrix.

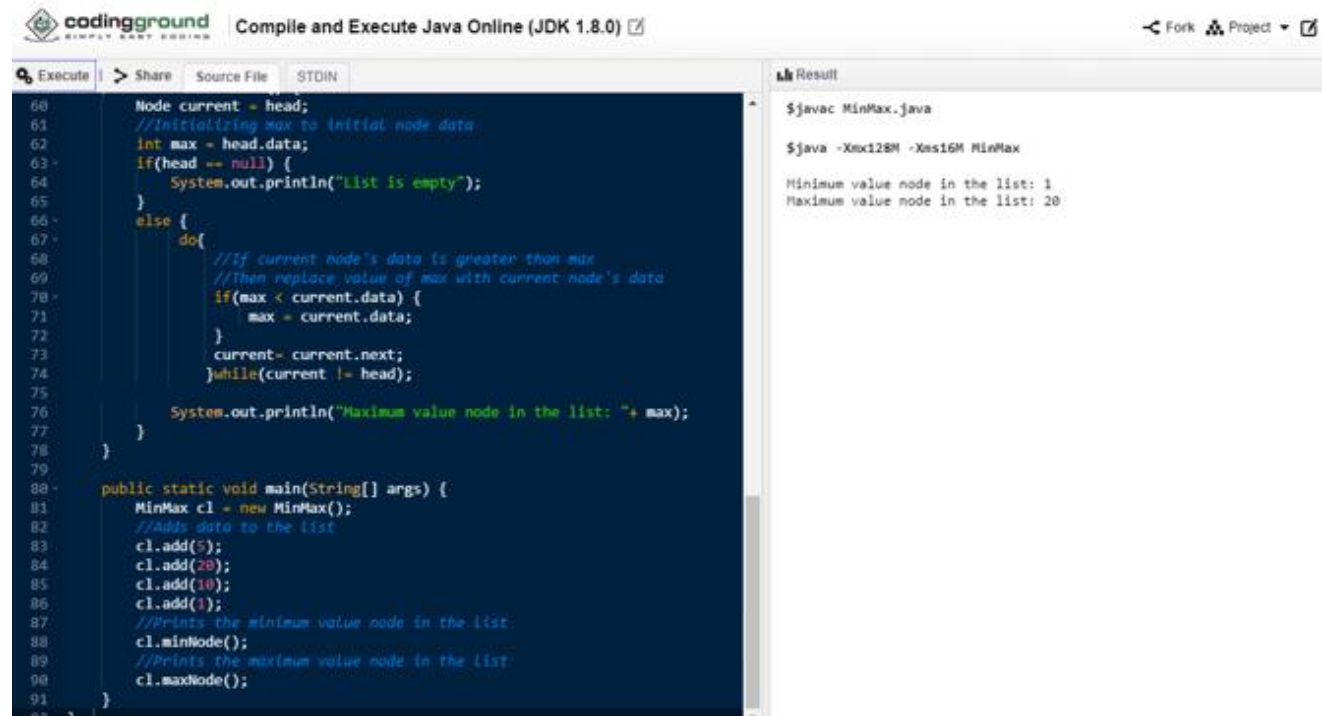
```

Enter The Size Of The Matrix:
3 3
Enter The Elements Into Matrix:
1 2 3
4 5 6
7 8 9
The Input Matrix Is:
1      2      3
4      5      6
7      8      9
The Boundary Elements Are:
1      2      3      4      6      7      8      9
The Sum Of The Boundary Elements Of The Matrix Is:
40
Process returned 0 (0x0)   execution time : 35.787 s
Press any key to continue.

```

## 2.Min and Max in CLL

Write a Java program to find the maximum and minimum value node from a circular linked list



The screenshot shows a Java program on the codingground.com platform. The program defines a circular linked list (CLL) and finds the minimum and maximum values. The code is as follows:

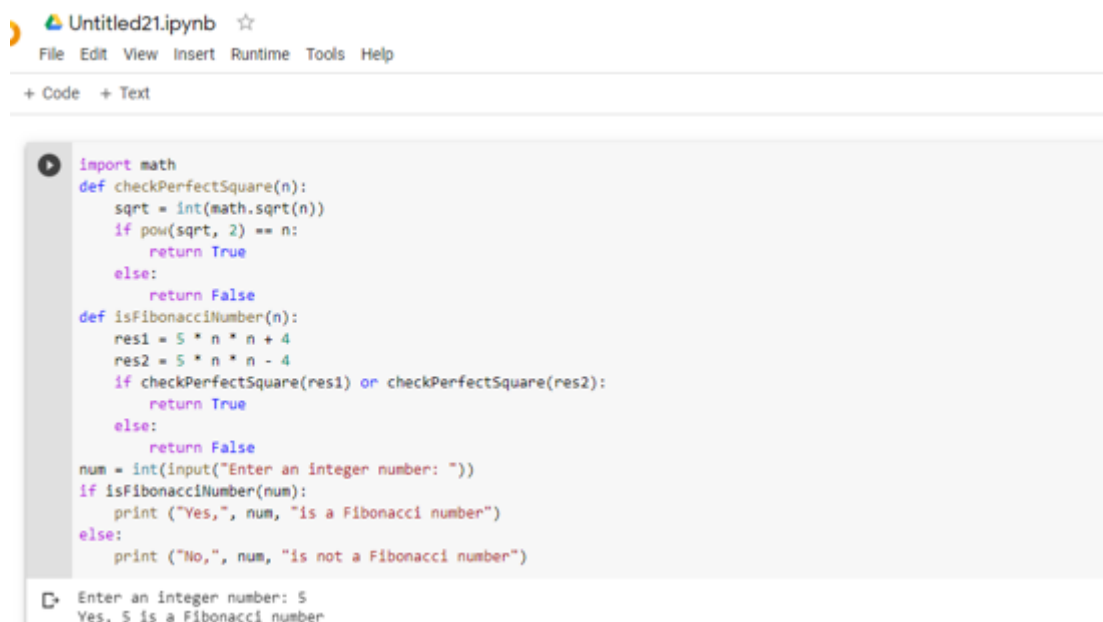
```
60 Node current = head;
61 //initializing max to initial node data
62 int max = head.data;
63 if(head == null) {
64     System.out.println("List is empty");
65 }
66 else {
67     do{
68         //If current node's data is greater than max
69         //Then replace value of max with current node's data
70         if(max < current.data) {
71             max = current.data;
72         }
73         current = current.next;
74     }while(current != head);
75
76     System.out.println("Maximum value node in the list: "+ max);
77 }
78
79
80 public static void main(String[] args) {
81     MinMax cl = new MinMax();
82     //Add data to the list
83     cl.add(5);
84     cl.add(20);
85     cl.add(10);
86     cl.add(1);
87     //Prints the minimum value node in the list
88     cl.minNode();
89     //Prints the maximum value node in the list
90     cl.maxNode();
91 }
```

The output of the program is:

```
$javac MinMax.java
$java -Xmx128M -Xms16M MinMax
Minimum value node in the list: 1
Maximum value node in the list: 20
```

## 3.Fibonacci number

Python Program to check whether a given number is a fibonacci number or not.



The screenshot shows a Python program on the Untitled21.ipynb platform. The program checks if a given number is a Fibonacci number. The code is as follows:

```
import math
def checkPerfectSquare(n):
    sqrt = int(math.sqrt(n))
    if pow(sqrt, 2) == n:
        return True
    else:
        return False
def isFibonacciNumber(n):
    res1 = 5 * n * n + 4
    res2 = 5 * n * n - 4
    if checkPerfectSquare(res1) or checkPerfectSquare(res2):
        return True
    else:
        return False
num = int(input("Enter an Integer number: "))
if isFibonacciNumber(num):
    print ("Yes,", num, "is a Fibonacci number")
else:
    print ("No,", num, "is not a Fibonacci number")
```

The output of the program is:

```
Enter an Integer number: 5
Yes, 5 is a Fibonacci number
```

