

DAILY ONLINE ACTIVITIES SUMMARY

Date:	18/05/2020	Name:	Rohan Vashista BM
Sem & Sec	6 th Sem & B	USN:	4al17cs078
Online Test Summary			
Subject	CSNC test1		
Max. Marks	60	Score	51
Certification Course Summary			
Course	Full Stack Web development		
Certificate Provider	Udemy	Duration	20hrs
Coding Challenges			
Problem Statement: 1.Using methods charAt() & length of String class,write a program to print the frequency of each character in a string. 2.write down a java program to print odd numbers series respectively from two threads:t1 and t2 synchronizing on a shared object Let t1 print message “ping->” and t2 print message “,--pong”.			
Status: completed			
Uploaded the report in Github		yes	
If yes Repository name		https://github.com/Rohanvasista/Coding-activities	
Uploaded the report in slack		yes	

Online test details

10:30 AM 4.8KB/s 4G 30%



[alvas-education-foundation/
3rd-year] Top 2 scorers CNSC I.A 1 ☆
(60 Marks) (#5) Inbox



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Sushmitha .

Entry Level

Marks by Test :

Total - 52

Test 1 - 8

Test 2 - 12

Test 3 - 12

Test 4 - 20

☐

Rohan Vashista Bm

Entry Level

Marks by Test :

Total - 51

Test 1 - 7

Test 2 - 12

Test 3 - 12

Test 4 - 20

—
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Online Certification Details

Completed modules

- Intoduction
- HTML



Become A Full Stack Web Developer - Beginner To Advanced

Joe Parys, Shahzaib Kamal, Muhammad Javed, Joe ...

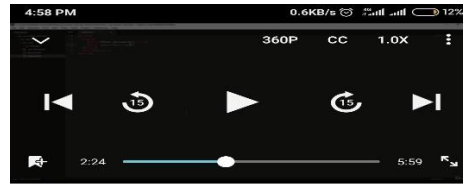
Lectures More

Section 1 - Welcome to the Course

- 1 ☒ Become A Full Stack Web Developer F...
Video - 02:06 mins
- 2 ☒ Welcome To Become A Full Stack Dev...
Video - 01:17 mins
- 3 ☒ Course Overview - What You Will Lear...
Video - 04:35 mins

Section 2 - HTML

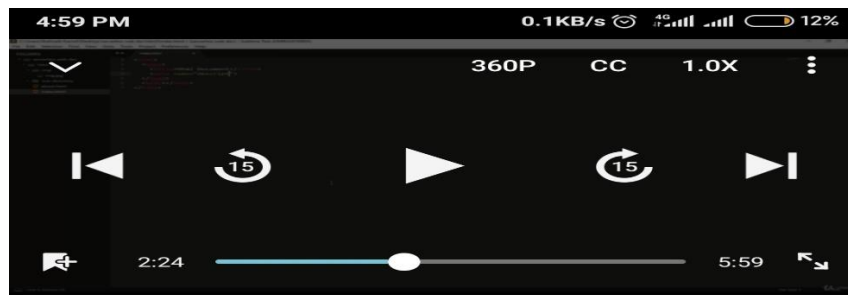
- 4 ☒ HTML A code Editor
Video - 05:09 mins
- 5 ☒ HTML What is HTML
Video - 04:36 mins
- 6 ☒ HTML What are Tags



Lectures More

Section 2 - HTML

- 4 ☒ HTML A code Editor
Video - 05:09 mins
- 5 ☒ HTML What is HTML
Video - 04:36 mins
- 6 ☒ HTML What are Tags
Video - 09:57 mins
- 7 ☒ HTML Different Heading Tags
Video - 03:07 mins
- 8 ☒ HTML Structure and Commentin
Video - 08:55 mins
- 9 ☒ HTML List
Video - 09:08 mins
- 10 ☒ HTML Nested Lists
Video - 05:04 mins
- 11 ☒ HTML Tables
Video - 06:51 mins
- 12 ☒ HTML Nested Tables



Lectures More

- 12 ☒ HTML Nested Tables
Video - 05:24 mins
- 13 ☒ HTML Links
Video - 11:44 mins
- 14 ☒ HTML Links 2
Video - 07:30 mins
- 15 ☒ HTML Iframes
Video - 05:48 mins
- 16 ☒ HTML Form
Video - 07:55 mins
- 17 ☒ HTML Form 2
Video - 09:05 mins
- 18 ☒ HTML Form 3
Video - 06:19 mins
- 19 ☒ HTML Img Tag
Video - 05:17 mins
- 20 ☒ HTML Head Tag
Video - 05:59 mins

Coding Challenge Details

1.using methods charAt() & length of String Class,write a program to print the frequency of each character in a string.

```
1 import java.util.*;
2
3 public class Main
4 {
5     public static void main(String args[])
6     {
7         int i;
8         String s;
9         int c[] = new int[256];
10        Scanner sc = new Scanner(System.in);
11        System.out.print("Enter a String : ");
12        s=sc.nextLine();
13        for (i = 0; i < s.length(); i++)
14            c[(int) s.charAt(i)]++;
15        for (i = 0; i < 256; i++) {
16            if (c[i] != 0) {
17                System.out.println((char)i + ": " + c[i]);
18            }
19        }
20    }
21 }
```

✕ Terminal



Enter a String : sathvik

a: 1

h: 1

i: 1

k: 1

s: 1

t: 1

v: 1

Process finished.



2.write down a java program to print even and odd numbers series respectively from two threads:t1 and t2 synchronizing on a shared object

Let t1 print message “ping-- >” t2 print message “,--pong”.

```
1 class OddThread extends Thread
2 {
3     int limit;
4     sharedPrinter printer;
5     public OddThread(int limit, sharedPrinter printer)
6     {
7         this.limit = limit;
8         this.printer = printer;
9     }
10    @Override
11    public void run()
12    {
13        int oddNumber = 1;
14        while (oddNumber <= limit)
15        {
16            printer.printOdd(oddNumber);
17            oddNumber = oddNumber + 2;
18        }
19    }
20 }
21
22 class EvenThread extends Thread
23 {
24     int limit;
25     sharedPrinter printer;
26     public EvenThread(int limit, sharedPrinter printer)
27     {
28         this.limit = limit;
29         this.printer = printer;
30     }
31    @Override
32    public void run()
33    {
34        int evenNumber = 2;
35        while (evenNumber <= limit)
36        {
37            printer.printEven(evenNumber);
38            evenNumber = evenNumber + 2;
39        }
40    }
41 }
42 class sharedPrinter
43 {
44
```

```
45     boolean isOddPrinted = false;
46
47
48     synchronized void printOdd(int number)
49     {
50         while (isOddPrinted)
51         {
52             try
53             {
54                 wait();
55             }
56             catch (InterruptedException e)
57             {
58                 e.printStackTrace();
59             }
60         }
61         System.out.println(Thread.currentThread().getName()
62             + "ping --> " + number);
63         isOddPrinted = true;
64         try
65         {
66             Thread.sleep(1000);
67         }
68         catch (InterruptedException e)
69         {
70             e.printStackTrace();
71         }
72         notify();
73     }
74
75     synchronized void printEven(int number)
76     {
77         while (!isOddPrinted)
78         {
79             try
80             {
81                 wait();
82             }
83             catch (InterruptedException e)
84             {
85                 e.printStackTrace();
86             }
87         }
88         System.out.println(Thread.currentThread().getName()
89             + ",--pong " + number);
90         isOddPrinted = false;
91         try
92         {
93             Thread.sleep(1000);
94         }
95         catch (InterruptedException e)
96         {
97             e.printStackTrace();
98         }
99         notify();
100    }
101 }
102
103 public class Main
104 {
105     public static void main(String[] args)
106     {
107         sharedPrinter printer = new sharedPrinter();
108         OddThread oddThread = new OddThread(20, printer);
109         oddThread.setName("--pong");
110         EvenThread evenThread = new EvenThread(20, printer);
111         evenThread.setName("ping -->");
112         oddThread.start();
113         evenThread.start();
114     }
115 }
```

```
82 catch (InterruptedException e)
83 {
84     e.printStackTrace();
85 }
86 }
87 System.out.println(Thread.currentThread().getName()
88     + "ping --> " + number);
89 isOddPrinted = true;
90 try
91 {
92     Thread.sleep(1000);
93 }
94 catch (InterruptedException e)
95 {
96     e.printStackTrace();
97 }
98 notify();
99 }
100 }
101 public class Main
102 {
103     public static void main(String[] args)
104     {
105         sharedPrinter printer = new sharedPrinter();
106         OddThread oddThread = new OddThread(20, printer);
107         oddThread.setName("--pong");
108         EvenThread evenThread = new EvenThread(20, printer);
109         evenThread.setName("ping -->");
110         oddThread.start();
111         evenThread.start();
112     }
113 }
```

```
× Terminal
--pong 1
ping --> 2
--pong 3
ping --> 4
--pong 5
ping --> 6
--pong 7
ping --> 8
--pong 9
ping --> 10
--pong 11
ping --> 12
--pong 13
ping --> 14
--pong 15
ping --> 16
--pong 17
ping --> 18
--pong 19
ping --> 20

Process finished.
```