

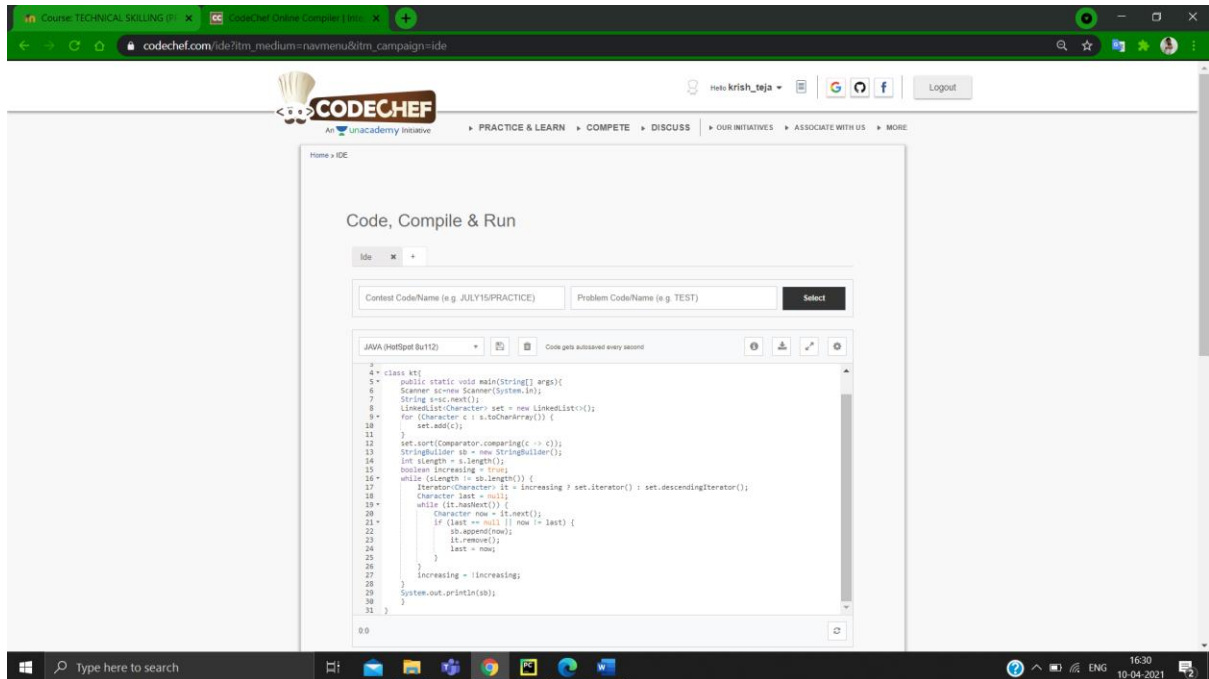
In-Sem Exam Answers:-

Competitive Coding(CC):-

Id.No:-190031409

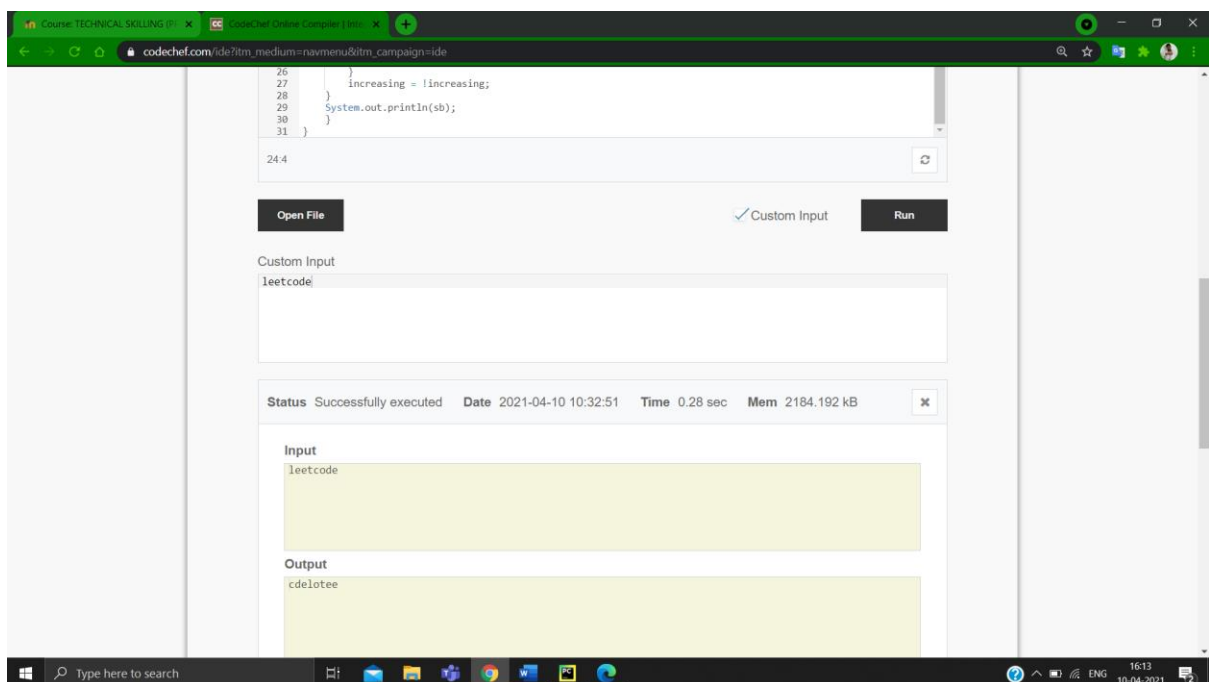
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12)a)



The screenshot shows the CodeChef IDE interface. The code is as follows:

```
1 class Ktc {
2     public static void main(String[] args) {
3         Scanner sc = new Scanner(System.in);
4         String s = sc.next();
5         LinkedList<Character> list = new LinkedList<>();
6         for (Character c : s.toCharArray()) {
7             list.add(c);
8         }
9         setAsp(Comparator.comparing(c -> c));
10        StringBuilder sb = new StringBuilder();
11        int length = s.length();
12        boolean increasing = true;
13        while (length != sb.length()) {
14            Iterator<Character> it = increasing ? list.iterator() : list.descendingIterator();
15            Character last = null;
16            while (it.hasNext()) {
17                Character row = it.next();
18                if (last == null || row != last) {
19                    sb.append(row);
20                    last = row;
21                }
22            }
23            increasing = !increasing;
24        }
25        System.out.println(sb);
26    }
27 }
```



The screenshot shows the execution results of the Java program. The code is as follows:

```
26         }
27         increasing = !increasing;
28     }
29     System.out.println(sb);
30 }
31 }
```

24.4

Open File Custom Input Run

Custom Input

leetcode

Status Successfully executed Date 2021-04-10 10:32:51 Time 0.28 sec Mem 2184.192 kB

Input

leetcode

Output

cdelotee