

## Java Week 7: Q5

**Due on 2020-11-05, 23:59 IST**

A string "s1" is already initialized. You have to read the index "n" from the keyboard. Complete the code segment to catch the exception in the following, if any. On the occurrence of such an exception, your program should print "exception occur". If there is no such exception, your program should replace the char "a" at the index value "n" of the "s1", then it will print the modified string.

### Private Test cases used for evaluation

Test Case 1

### Input Expected Output

16

exception occur

### Actual Output

exception occur\n

### Status

Passed

Test Case 2

6

NPTELJaVA

NPTELJaVA

Passed

The due date for submitting this assignment has passed.

2 out of 2 tests passed.

You scored 100.0/100.

### Assignment submitted on 2020-11-05, 23:14 IST

Your last recorded submission was :

```
1 import java.util.*;
2 public class Question5 {
3     public static void main(String[] args) {
4         try{
5             String s1="NPTELJaVA";
6             Scanner inr = new Scanner(System.in);
7             int n = inr.nextInt();
8             char c='a';
9             //Replace the char in String "s1" with the char 'a' at index "n" and print the modified string
10            StringBuilder str = new StringBuilder(s1);
11            str.setCharAt(n,c);
12            System.out.print(str);
13        }
14        catch (Exception e){
15            System.out.println("exception occur");
16        }
17    }
18 }
```

Sample solutions (Provided by instructor)

```
1 import java.util.*;
2 public class Question5 {
3     public static void main(String[] args) {
4         try{
5             String s1="NPTELJaVA";
6             Scanner inr = new Scanner(System.in);
7             int n = inr.nextInt();
8             char c='a';
9             byte[] barr=s1.getBytes();
10
11             byte b1 = (byte) c;
12             barr[n]=b1;
13             System.out.println(new String(barr));
14         }
15         catch (Exception e){
16             System.out.println("exception occur");
17         }
18     }
19 }
```

### Course outline

How does an NPTEL online course work?

Week 0 : Assignment 0

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

Week 6 :

Week 7 :

- Lecture 31 : I-O Stream-II
- Lecture 32 : I-O Stream-III
- Lecture 33 : Demonstration-XII
- Lecture 34 : Applet Programming - I
- Lecture 35 : Applet Programming - II
- Quiz: Assignment 7
- Java Week 7 : Q1
- Java Week 7 : Q2
- Java Week 7 : Q3
- Java Week 7 : Q4
- Java Week 7 : Q5
- Feedback For Week 7

Week 8 :

Week 9 :

Week 10 :

Week 11 :

Week 12 :

Solution

DOWNLOAD VIDEOS

Text Transcripts

Programming Test - (April 11 - 10AM - 12 PM)

Programming Test - (April 11 - 8PM - 10 PM)