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	Input	Expected Output	Actual Output	Status
Test Case 1	16	exception occur	exception occur\n	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 inp = new Scanner(System.in);
7           int n = inp.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 inp = new Scanner(System.in);
7           int n = inp.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 }
```