Add import java.util.\*;

1. Line 1: Scanner keyboard = new Scanner (System.in);

Add try {

1. Line 2: System. out.print(“Please enter 2 numbers: “);
2. Line 3: int num1 = keyboard.nextInt();
3. Line 4: int num2 = keyboard.nextInt();
4. Line 5: System.out.println(” Result is “ + num1 / num2);
5. Line 7: keyboard.nextLine(); //clear buffer
7. Line 8: System.out.print(“Enter a code: “);
8. Line 9: String name = keyboard.nextLine();
9. Line 10: char zone = code.charAt(5) ;
10. Line 11 : for (int i = 0 ; i <= code.length(); i++)
11. Line 12: System.out.println(code.charAt(i) );

} //End of try

catch (InputMismatchException e)

{

System.out.println(“need to enter a number”);

}

catch (StringIndexOutOfBoundsException)

{

System.out.println(“String not long enough”)

}

3.InputMismatchException

4. NumberFormatException

5. ArithmeticException

10. StringIndexOutOfBoundsException

11. just “<” and StringIndexOutOfBoundsException

12. ArrayIndexOutOfBoundsException

2. Write code segment and handle exception

System.out.print("Please enter 3 numbers and a name [int, int, double, String]: ");  
 int num1 = keyboard.nextInt( );  
 int num2 = keyboard.nextInt( );

double num3 = keyboard.nextDouble( );

keyboard.nextLine(); //buff

String name = keyboard.nextLine();  
 char myChar = name.charAt(10);

//Print

System.out.println(num1);

System.out.println(num2);

System.out.println(num3);

System.out.println(name);  
 System.out.println(myChar)  
  
 int[] myScores = {12,15,20,13,9};  
   
 System.out.print(“Enter an index that you want to print: “);

int x =keyboard.nextInt()

System.out.println(myScores[x]);

catch (InputMismatchException e)  
 {  
 System.out.println("value should be numbers");  
 }  
   
 catch (NumberFormatException e)  
 {  
 System.out.println("value should be numbers");  
 }  
   
 catch (StringIndexOutOfBoundsException e)  
 {  
 System.out.println("the name was not long enough to get character at index 10");  
 System.out.println(e.getMessage());  
 }  
   
 catch (ArrayIndexOutOfBoundsException e)  
 {  
 System.out.println("index should be within range");  
 System.out.println(e.getMessage());  
 }