

Exceptions Exercise

1. The method **Integer.parseInt** throws the **NumberFormatException** if the string parameter does not represent an integer value. Write a method that keeps asking the user for an integer as long as an invalid value is provided. You should catch the **NumberFormatException** and add any code needed to keep asking the user for a value.
2. What is the difference between a checked and an unchecked exception?
3. Define a checked exception named "InvalidConfiguration" that has as error message "Invalid System Configuration has occurred." Write a piece of code that throws this exception.
4. Write a code example that illustrates how an exception backtracks to callers, looking for an appropriate catch clause.