1. Exceptions

Exceptions and Errors are special Java objects families used to describe problems that occurs in applications. They can be split into 3 sub families having a common ancestor (Throwable): Errors, Runtime Exceptions, Checked Exceptions.

1.1. Runtime Exceptions

System.out.println(ba.getAccountNumber() + " - " + ba.getBalance()); }The above example throws a NullPointerException because the getAccountNumber() method is called using a null reference.

1.1.2. Throwing Runtime Exceptions

1.1.1 Exercice

Execute the following steps</br>Run a program that throws a NullPointerException (as on the example above).li>Build a new class that iterates through an array but goes too farCheck the Java SE JavaDoc, locate Throwable, Exception and browse through the subclasses of RuntimeException. Note that the notion of subclass will be seen in a later chapter.

1.2. Checked Exceptions

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