**1.ClassCastException:** Happens when you try to cast an object to a class it's not an instance of. Example: Object obj = new String("hello"); Integer num = (Integer) obj;

2. **NumberFormatException:** Thrown when you try to convert a string to a number, but the string doesn't have the correct format. Example: int num = Integer.parseInt("abc");

3. **StringIndexOutOfBoundsException:** Similar to ArrayIndexOutOfBoundsException, but for strings. Thrown when you try to access a character in a string using an invalid index. Example: String str = "hello"; char ch = str.charAt(10);

4. **NoSuchElementException:** Often encountered when working with iterators or scanners. Indicates that the requested element does not exist. Example: Trying to read from a Scanner that has no more input.

5. **IOException:** A broad exception related to input/output operations. Covers many issues like file reading/writing problems, network issues, etc. Example: Trying to read from a file that doesn't exist.

6. **FileNotFoundException:** A specific IOException that occurs when you try to access a file that cannot be found. Example: FileReader file = new FileReader("nonexistent.txt");

7. **SQLException:** Related to database operations. Covers errors that occur during database access, like incorrect SQL queries, connection problems, etc.

8. **InterruptedException:** Thrown when a thread is waiting, sleeping, or otherwise occupied, and it is interrupted. Example: Thread.sleep(1000); (This can throw InterruptedException).

**9.RuntimeException:** While technically a category (the parent of many of the first 8), it's worth mentioning. It's the base class for all unchecked exceptions.

10. **ConcurrentModificationException:** Often occurs when you're iterating over a collection and modify it at the same time (without using appropriate synchronization mechanisms).

11. **CloneNotSupportedException:** Thrown when you try to clone an object, but its class doesn't implement the Cloneable interface.

12. **UnsupportedOperationException:** Indicates that an operation is not supported. For example, if you try to call a method on an object that doesn't implement that functionality.

13. **AssertionError:** Used for assertions (a debugging tool). If an assertion evaluates to false, an AssertionError is thrown.