

# Different Kinds of Built-In Exceptions

Here are some important predefined exceptions in Java

- **IOException**: a problem doing input/output
  - **FileNotFoundException**: no such file
  - **EOFException**: tried to read past the End Of File
  - These *Exceptions* must be caught
- **NullPointerException**: tried to use a object that was actually null
  - This is a *RuntimeException* (doesn't have to be caught)
- **ArrayIndexOutOfBoundsException**: tried to access an element outside of the array bounds
  - This is a *RuntimeException* (doesn't have to be caught)
- **NumberFormatException**: tried to convert a non-numeric String to a number
  - This is a *RuntimeException* (doesn't have to be caught)

