# What is an Exception?

Consider this program:

public class HelloThere {  
  
 public static void main(String[] args) {  
   
 System.out.println("Hello " + args[0]);  
   
 }  
  
}

Suppose it's run like this:

% java HelloThere

Notice that's there's no args[0]. Here's what you get:

% java HelloThere  
java.lang.ArrayIndexOutOfBoundsException: 0  
 at HelloThere.main(HelloThere.java:5)

This is **not** a crash. The virtual machine exits normally. All memory is cleaned up. All resources are released.

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