```java
 1 package prob01;
 2
 3 public class Problem01 {
 4
 5     public static void main(String[] args) {
 6         // compile-time error - no semicolon.
 7         // int x = 1 + 2
 8         // runtime error - divide by zero
 9         // double q = 150 / 0;
10         // logic error - ^ is XOR operator, java has no power operator
11         int f = 2^2; // result is 0, not 4
12         System.out.println("2^2 = " + f);
13     }
14
15 }
16
```