```java
/**
 * File Name DoubleEquals.java
 *
 * This shows why == and != does not work with doulbe values.
 *
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 */

import java.lang.Math;

class DoubleEquals
{
   public static void main(String[] args)
   {
      double a=3.7, b=9.1;
      double exp1 = Math.pow(a,3) + Math.pow(b,3);
      double exp2 = (a + b) * (a*a - a*b + b*b);

      if(exp1 == exp2)
         System.out.println("All is good in the world.");
      else
         System.out.println("Oh-No, please tell me it is not so.");
   }
}
```