1. Write Java syntax to declare, create, and initialize an array of 42 boolean values:
   ```java
   boolean[] arr = new boolean[42];
   ```

2. Write Java syntax to triple the middle element on an array called `values` (you can assume the array has an odd number of elements):
   ```java
   values[values.length/2] *= 3;
   ```

3. A Java `String` is similar to an array of `char`.

4. Write Java code to copy an array of integers `a1` to a new array. Assume that `a1` is already created and initialized. Start your program by creating the second array of proper size. You should not write a full Java class or main method, just the snippet needed to copy the values.
   ```java
   int[] a2 = new int[a1.length];
   for(int i = 0; i < a1.length; ++i)
   a2[i] = a1[i];
   ```