1. Write a static method `public static String nCharacters(String s)` that returns the last five-character substring in the string `s`. If `s` is `asdqtd52r`, the method returns `td52r`. Assume that the string consists of at least 5 characters.

2. Write a method `public static int minNumber(int a, int b, int c, int d)` that returns the minimum of `a`, `b`, `c` and `d`. So if `a` is 9, `b` is 11, `c` is 4 and `d` = 2, the method will return the value of `d`, namely, 2.
3. Write a method with the heading `public static int product(int n)` that returns the product of `n` random integers varying between one and four.

4. Evaluate the following:

(a) `(7 >= 7) && !(9 == 9)`  (b) `!(4 >= 5) || !(2 < 3)`

(c) `!((5 == 9) && !(3 == 2))`  (d) `(6 <= 8) && (3 < 5) && (3 == 3)`

Practice Problems:

- Write a method with the heading `public static boolean equals(int[] x, int[] y)` that returns `true` if the two arrays have the same elements in the same order, or `false` if they do not.
- Write a method with the heading `public static int count(int[] x)` that determines the number of times the first element appears in the array.
- Write a method with the heading `public static int count(String s)` that determines the number of times the first character in the string appears in the rest of the string.