**public** **class** Main

{

**public** **static** **void** main(String[] args)

{

**char** myChar = 'A';

String myString = "Nancy Reagan"; // A string is a sequence of chars. A sequence of chars can be represented via an array.

// [N], [a], [n], [c], [y] .. [n]

String weirdInitialization = **new** String("Nancy Reagan");

// boolean areStringsSame = myString.equals(weirdInitialization);

// int a = 2;

// int b = 3;

// if(a == b)

// {

//

// }

**if** (myString.equals(weirdInitialization)) // [Nancy Reagan] <-- myString, [Nancy Reagan] <-- weirdInitialization

{

System.***out***.println("Strings are the same!");

}

**else**

{

System.***out***.println("Strings aren't the same!");

}

String nonImmutableString = "Hello"; // [Hello] <--- nonImmutableString

nonImmutableString = nonImmutableString.replaceAll("l", "o"); // [Hello] --> new block of memory ---> [Heooo] <--- nonImmutableString

System.***out***.println(nonImmutableString);

// System.out.println(weirdInitialization);

}

}