Lab 7: Strings, loops, functions and arrays revisited

**Exercise 0**: Write a for loop that will iterate from 0 to 20. For each iteration, it will check if the current number is even or odd, and report that to the screen (e.g. "2 is even").

**Exercise 1**: Write a program to define an array of ten ints. Give each element the same value as its position in the array. In other words, the content of your array should be \{0,1,2,3,4,5,6,7,8,9\}.

**Exercise 2**: Write a program that asks the user to type 10 integers of an array. The program must compute and write how many integers are greater than or equal to 10.

**Exercise 3**: Write a program to read two strings and report whether the strings are equal.

**Exercise 4**: Change the program to report whether the strings have the same length, and if not, report which is longer.

**Exercise 5**: Read two strings from the standard input. Print the concatenation of the two strings. For example, when user enters “hello” and “world,” your program should print “helloworld.”