1. Write a script that takes two numbers and returns the largest of them. Use the if-then-else construct available in Python. (It is true that Python has the *max* function built in, but writing it yourself is nevertheless a good exercise.)

2. Write a script that takes three numbers and returns the largest of them.

3. Write a script that computes the length of a given string. (It is true that Python has the *len* function built in, but writing it yourself is nevertheless a good exercise.)

4. Write a script that takes a character (i.e. a string of length 1) and returns True if it is a vowel, False otherwise.

5. Write a script that will translate text into "rövarspråket" (Swedish for "robber's language"). That is, double every consonant and place an occurrence of "o" in between. For example, the sentence, "This is fun") should return the string "tothohisos isos fofunon".

6. Write a script that sums and multiplies (respectively) all the numbers in a list of numbers. For example, summing the numbers 1, 2, 3, and 4 should return 10, and multiplying the numbers 1, 2, 3, and 4 should return 24.

7. Write a script that computes the reversal of a string. For example, the sentence "I am testing" should return the string "gnitset ma I".

8. Write a script that takes a value (i.e. a number, string, etc) *x* and a list of values *y*, and returns True if *x* is a member of *a*, False otherwise. (Note that this is exactly what the *in* operator does, but for the sake of the exercise you should pretend Python did not have this operator.)

9. Write a script that takes two lists and returns True if they have at least one member in common, False otherwise. (Again, do not use the *in* operator!)