

Introduction to Sequences

Introduction to Sequences: Sample Program List

assignment_examples.py

This sample program illustrates the assignments involving lists and tuples are done.

map_examples.py

The second sample program illustrates the map function. The use of anonymous function called lambda for the translator function is also shown.

filter_examples.py

The third sample program illustrates the filter function. The use of anonymous function called lambda for the boolean function is also shown.

using_function_with_seq.py

This sample program shows how the sequences are passed to and returned from functions.

listcomp.py

Three short list comprehension operations are illustrated in this sample program.

for-each-examples.py

This program illustrates the basic use of the for-each loop. For-each loop is convenient control to process each member of a sequence with creating a new sequence.

scanning_people.py

This program shows different ways of implementing queries involving a list of tuples where each tuple is representing a person information: name, age, and gender.

generate_random_integers.py

This sample program shows the use of the randint function from the random library module for generating random integers.