

In- Class Exercise – Dictionary: Mountain Heights

INSTRUCTIONS: - Read the statements below and perform the tasks.

Mountain Heights 1

1. Wikipedia has a list of the tallest mountains in the world, with each mountain's elevation. Pick five mountains from this list.
2. Create dictionary with the mountain names as keys, and the elevations as values.
3. Print out just the mountain's names by looping through the keys of your dictionary.
4. Print out just the mountain's elevations by looping through the values of your dictionary.
5. Print out a series of statements telling how tall each mountain is:

Example: "Everest is 8848 meters tall."

Mountain Heights 2

6. Sort your dictionary so that the information is listed in alphabetical order by each mountain's name.
7. Print out a series of statements similar to #5 with the dictionary now sorted in alphabetical order.

Mountain Heights 3

1. Use the information in your dictionary to convert the meters value to feet.

1 meter = 3.28084 feet

2. Print out a series of statements telling how tall each mountain is:

Example: “Everest is 8848 meters tall, or 29029 feet.”