

Python Project 4 Dictionaries (Save As: **mountains.py**)

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 a dictionary named **mountains** 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

1. Sort your dictionary so that the information is listed in alphabetical order by each mountain's name.
2. 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."