1. [**5 points**] Suppose that D is the dictionary {"what":22, "are":11, "you":14, "doing":5, "next":9, "Saturday?":4}. Write down what the value of D is after each of the following Python statements. Evaluate each statement starting with the same value of the dictionary D, mentioned above.

   (a) `D["what"] = D["are"]`

   (b) `D.update({"Sunday":25, "what":5})`

   (c) `del D["you"]`

   (d) `D["which"] = 19`

   (e) `D.clear()`

Turn over for Problem 2.

2. [**5 points**] Suppose that D is the dictionary of 5-letter words and their "neighbors" constructed in the playGame program that we wrote in class last week. For words u, v appearing as keys in D, (u, v) is called an **isolated pair** if u has only one neighbor v and v has only one neighbor u. Write a function called isolatedPairs that takes this dictionary D as a parameter and returns the list of all isolated pairs. Thus the function should return a return a list of elements such that each element is itself a list of size 2. Note that each isolated pair (u, v) will appear in the returned list twice, once as [u, v] and once as [v, u].