Exercise 1:

Write a program (using functions!) that asks the user for a long string containing multiple words. Print back to the user the same string, except with the words in backwards order.

For example, say I type the string:

```
My name is Michele
```

Then I would see the string:

```
Michele is name My
```

Exercise 2:

For this exercise, we will keep track of when our friend's birthdays are, and be able to find that information based on their name.

Create a dictionary (in your file) of names and birthdays. When you run your program it should ask the user to enter a name, and return the birthday of that person back to them. The interaction should look something like this:

```
>>> Welcome to the birthday dictionary. We know the birthdays of:

Albert Einstein

Benjamin Franklin

Ada Lovelace

>>> Who's birthday do you want to look up?

Benjamin Franklin
>>> Benjamin Franklin's birthday is 01/17/1706.
```