CONGRATULATIONS!!! You have just been hired by the ABC Software Development Company. Your first assignment is to write a name flipper function for use in several larger systems. This function is called `nameFlipper()`. It has one parameter (name). This function takes a name like Bill Salter and converts it to Salter, Bill.

**Assignment**

Write the function as described above. Also write a `main()` function that tests the `nameFlipper()` function. The following three tests must be passed before the function is implemented:

```c
nameFlipper("Bill Salter") -> "Salter, Bill"
nameFlipper("Michael Green") -> "Green, Michael"
nameFlipper("J Graff") -> "Graff, J"
```

**Pseudo Code**

```c
def nameFlipper(name):
    1. find the space in the name
    2. last is everything to the right of the space
    3. first is everything to the left of the space
    4. return last + ", " + first

def main():
    1. if nameFlipper("Bill Salter") is "Salter, Bill"
       print "Bill Salter passed"
       otherwise
       print "Bill Salter Failed"
    2. Do the same for "Michael Green"
    3. Do the same for "J Graff"
```

**Potential Sessions**

Bill Salter passed
Michael Green passed
J Graff passed

**Additional Challenges**

Support all the above plus a three line name:
nameFlipper("Billy Bob Martin") -> "Martin, Bill Bob"

Support all the above plus a title:
nameFlipper("Sir Alfred Dole") -> "Dole, Alfred Sir"
nameFlipper("Sir Alfred the Red") -> "Red, Alfred the Sir"
nameFlipper("James Foster Jr.") -> "Foster, James Jr."
nameFlipper("Billy Bob Martin Sr.") -> "Martin, Billy Bob Sr."

Do not forget to include tests in your `main()` function to make sure everything works.

**Show Off Your Work**

To receive credit for this assignment, you must show your source code and demonstrate your running program.

Ask your instructor who they would like you to show the assignment to.