The Weasleys are considered to be one of the most prominent Wizarding families, although their lack of money and willingness to mingle with Muggles makes people like the Malfoys look down on them. Arthur, the head of the family, works for the Ministry of Magic and Molly is Arthur’s long-suffering wife. All of the Weasleys have bright red hair, and somehow they all manage to attend Hogwarts.

The Weasley kids are:

Bill - Grown son, works for Gringotts as a curse-breaker in Egypt
Charlie - Grown son, works with dragons in Romania
Percy - Grown son, recently left Hogwarts, employed by the Ministry of Magic
Fred - twin with George, currently at Hogwarts
George - twin with Fred, currently at Hogwarts as well
Ronald - Currently attending Hogwarts, best friend of Harry Potter.
Ginny - Currently attending Hogwarts, has a crush on her brother Ron's best friend, Harry. Ginny is also friends with Hermione.

In addition, Ron has an owl that delivers his mail, known not-so-affectionately as “Pig” (short of Pigwidgeon). Percy also has an owl, and his owl is named Hermes.

Create a Wizard class with the following instance variables: lastname, firstname, owl, isAtHogwarts, isHogwartsAlum and occupation. The class should have the appropriate constructors, and set and get methods to set and report the status of each of the variables respectively.

In addition, create an instance method called “graduate” that takes as argument a String describing the occupation and changes the variables accordingly.

In a separate Demonstrate class, document Arthur and Molly’s children as instances of the Wizard class. Call each method in the Wizard class at least once to demonstrate how they work.

( 70 points )

Information on the Weasleys was shamelessly lifted from the Harry Potter Lexicon at http://www.i2k.com/~svderark/lexicon.