CS116 − Activity 8

Take a look at the following class which define Student "objects":

```
class Student:

  def __init__(self,name):
    self.name = name
    self.grades = []

  def addGrade(self,grade):
    self.grades.append(grade)
```

An object contains data in "fields" and has methods that use that data. The "fields" for Student objects include the student's name and a list of the student's grades. Load this code and perform the following tasks:

1. In the command window create a couple different student objects like: `s = Student('Jill')`

2. Add grades to your student objects.

3. You can examine the fields of your objects: `s.grades`

4. Now change the class so that we have an additional method which returns the average grade for a student. (Note: if you change the class you will need to create new objects)

5. Create new objects and test your method

6. Add a new field to the Student class that contains a picture of the student. The ‗‗init‗‗ function will need a new parameter for the filename of the picture. Add a new method which will show the picture for the student. Test it out.