

Problem Wk.2.3.2: Inheritance II

You are told that we have a class `AccountDollars`, with one initialization argument, the initial balance, with a method `depositDollars` that takes one argument (a deposit amount) and returns a number (the balance after the deposit plus any accumulated interest and minus any bank fees). The bank account is denominated in dollars.

```
>>> x = AccountDollars(2)
>>> x.depositDollars(3)
5.2
```

Define the `AccountPounds` class that behaves exactly like the `AccountDollars` class, with respect to interests and fees, but is initialized with a quantity in Pounds (there are 2 Dollars to a Pound). This class should **have** two methods `depositPounds` (which has both input and output in Pounds) and `depositDollars` (which has both input and output in Dollars). Hint: You don't actually have to write both methods.

You don't need to know the code for the `AccountDollars` class. If you want to test in idle, you should be able to define a simple `AccountDollars` class on your own.

```
>>> x = AccountPounds(1)
>>> x.depositPounds(1.5)
2.6
```

Hint: You can call any method (including `__init__`) of a class `x`, by doing e.g. `x.__init__(i, ...)` where `i` is an instance of the class `x` or any of class that inherits from `x` and `...` are any arguments of the method.



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