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## HW 1-4: BASIC OBJECT ORIENTED PROGRAMMING

**Part A:** Create a class `Dessert` with getters and setters for `name` and `calories`. Define instance methods `healthy?`, which returns `true` if a dessert has less than 200 calories, and `delicious?` which returns `true` for all desserts.

Here is the framework:

```
class Dessert
  def initialize(name, calories)
    # Your code here
  end

  def healthy?
    # Your code here
  end

  def delicious?
    # Your code here
  end
end
```

Note: You may define additional helper methods.

**Part B:** Create a class `JellyBean` that extends `Dessert`, and add a getter and setter for `flavor`. Modify `delicious?` to return `false` if the flavor is "black licorice" (but `delicious?` should still return `true` for all other flavors and for all non-`JellyBean` desserts).

The `JellyBean` class should look like this:

```
class JellyBean < Dessert
  def initialize(name, calories, flavor)
    # Your code here
  end

  def delicious?
    # Your code here
  end
end
```

Note: As before, you may define additional helper methods.

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On Time

dessert

should be able to set and get a dessert's name and calories [20 points]

should return true if a dessert has fewer than 200 calories [10 points]

should return true for any dessert [20 points]

jellybean

should be a subclass of Dessert [10 points]

should be able to set and get a jellybean's flavor [20 points]

should return true unless the flavor is black licorice [20 points]

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6 examples, 0 failures

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