

Discussion

- 4.1 put the `add(int dollars, int cents)` into a class inside the interface like:

```
class hidden{
    private Money add(int dollars, int
cents) {
        return null;
    }
}
```

But the hidden `add()` method could not see other methods in the interface.

- 4.2
 - This problem has two cases: the cents overflow or not. Since it prohibits passing negative dollars or cents, there is no need to consider that `addother()` or `addDC()` will produce a negative result. So, I simply test these two situations with an input and the expected result. And, for the invalid inputs, negative dollars/cents and cents greater than 100, I test them individually in the `testSimpleMoneyError()` method.

- It is possible to categorize all the test inputs into six categories:
negative dollars, negative cents,
negative dollars/cents, regular dollars
with cents greater than 100, regular
dollars with cents overflow, and regular
dollars/cents.

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