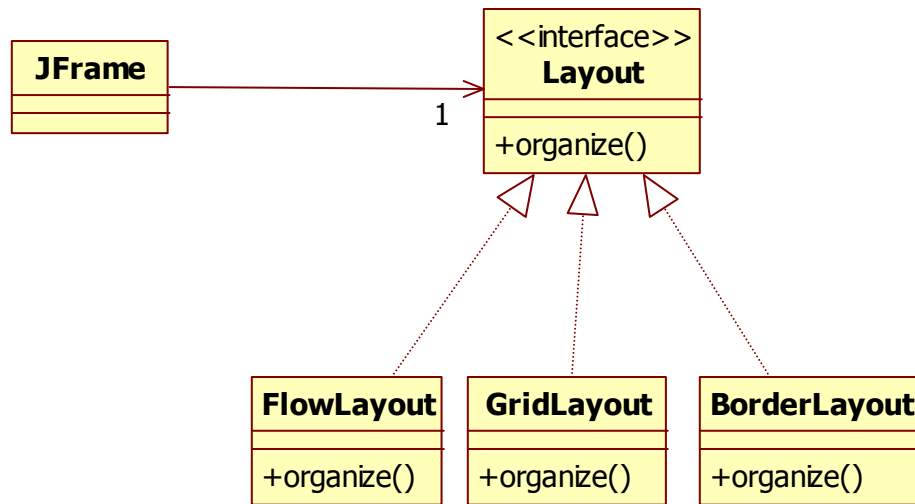


### Question 1



### Question 2

The biggest advantage of solution 2 is that we separate the interest calculation logic from the account logic. This makes it very easy to:

- Add new interest algorithms
- Change the interest algorithm from a certain account without changing the account (open-closed principle)
- Reuse the interest algorithm for something other than an Account or reuse a certain interest algorithm for multiple account types.

These 3 advantages you do not have in solution 1.

**Solution 3:**

