Anonymous classes → Calculator

Medium 5 minutes

There is an abstract class `Calculator`:

```
abstract class Calculator {

    public abstract long sum(long val1, long val2);

    public abstract long subtraction(long val1, long val2);
}
```

You should create an anonymous class that extends the given class and assign the instance to the variable `anonymousCalculator`.

The anonymous class must override both abstract methods of the class. The method `sum` should return the sum of its arguments. The method `subtraction` should return the difference between the first and second arguments.

Use the provided code template, do not copy the given class to the code.

You've seen the solution so this problem will not be added to your progress. Solve an additional problem to complete the topic.

Write a program

Code Editor IDE

Java

```
class CalculatorCreator {

    public static Calculator createInstance() {
        /* create an instance of an anonymous class here,
        do not forget ; in the end */
        return new Calculator() {
            @Override
            public long sum(long val1, long val2) {
                return val1 + val2;
            }

            @Override
            public long subtraction(long val1, long val2) {
                return val1 - val2;
            }
        };
    }

}

abstract class Calculator {

    public abstract long sum(long val1, long val2);

    public abstract long subtraction(long val1, long val2);
}

```

✓ Correct.

That's an awesome solution! What do you think about showing it off? Post it to Solutions so other learners can enjoy it too.

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