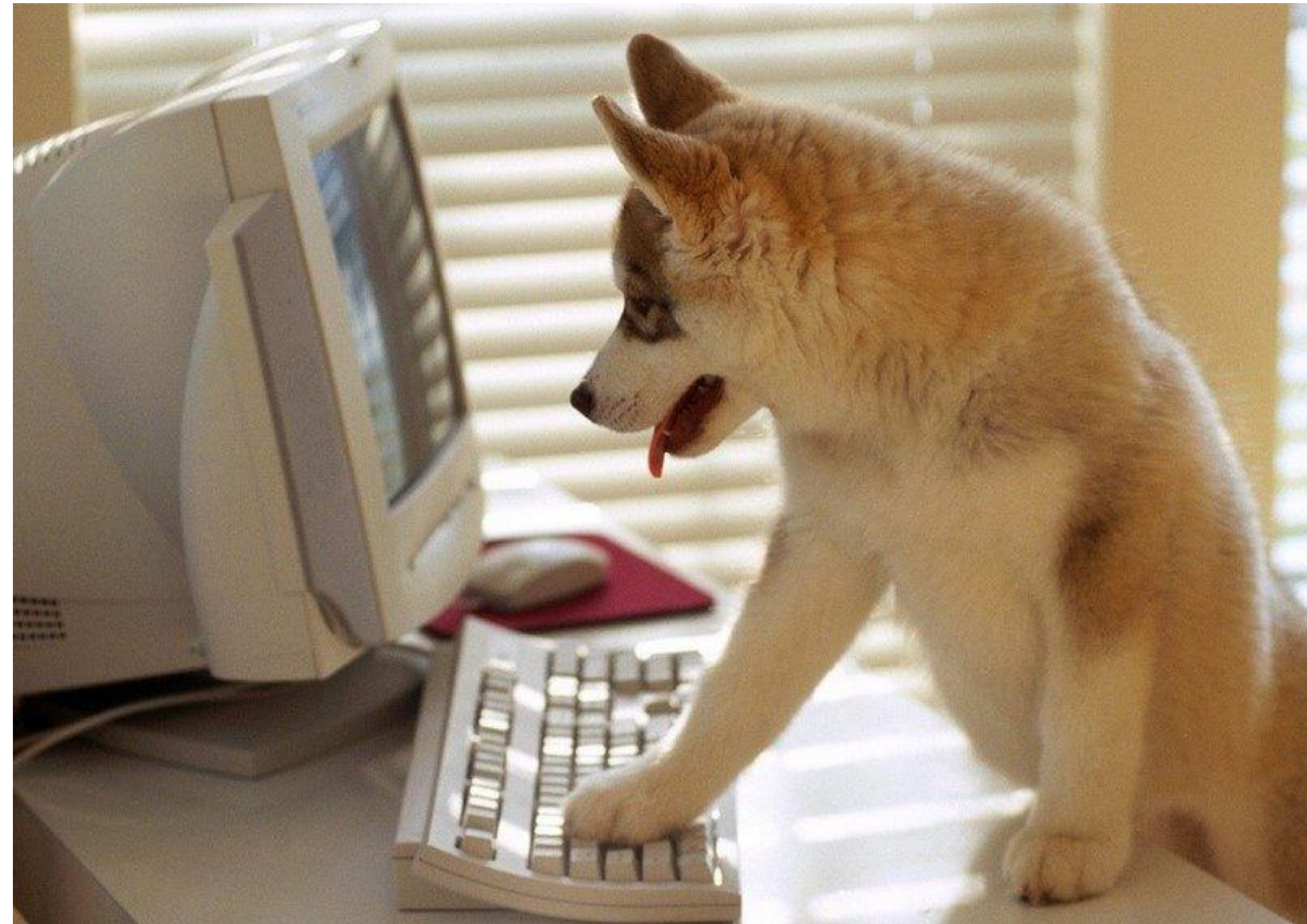


Java Programming



Organizational Stuff

18.03.: Structures

19.03.: Methods

20.03.: Recursion

21.03.: Arrays

22.03.: Strings

25.03.: OOP1

26.03.: OOP2

27.03.: Generics

28.03.: Exceptions & **Testing**

29.03.: GUI

Git Merge Conflicts

```
<<<<<<< HEAD:file.txt
```

```
Hello world
```

```
=====
```

```
Goodbye
```

```
>>>>>>> 77976da35a11db4580b80ae27e8d65caf5208086:file.txt
```

Exceptions

```
String s = "eleven";  
int i = Integer.parseInt(s);
```

Exceptions

```
String s = "eleven";  
try{  
    int i = Integer.parseInt(s);  
} catch (NumberFormatException e) {  
    e.printStackTrace();  
}
```

Exceptions

```
public class SomeAwesomeException extends Exception{  
    public SomeAwesomeException(String message){  
        super(message);  
    }  
}
```

Exceptions

```
public void doSomething(int x) throws SomeAwesomeException{  
    if(x<0){  
        throw new SomeAwesomeException("<0");  
    }  
}
```

Testing

```
/*Initialize*/  
//Test owner  
@Test public static void InitTest1() {  
    //define  
    Person owner = new Person("John Doe");  
    BankAccount account = new BankAccount(owner, 1000.00);  
    //test  
    assertEquals(owner, account.getOwner(), 0.001);  
}
```


Exceptions and Testing

Today's Assignment:

<https://classroom.github.com/a/cohxNMBm>

