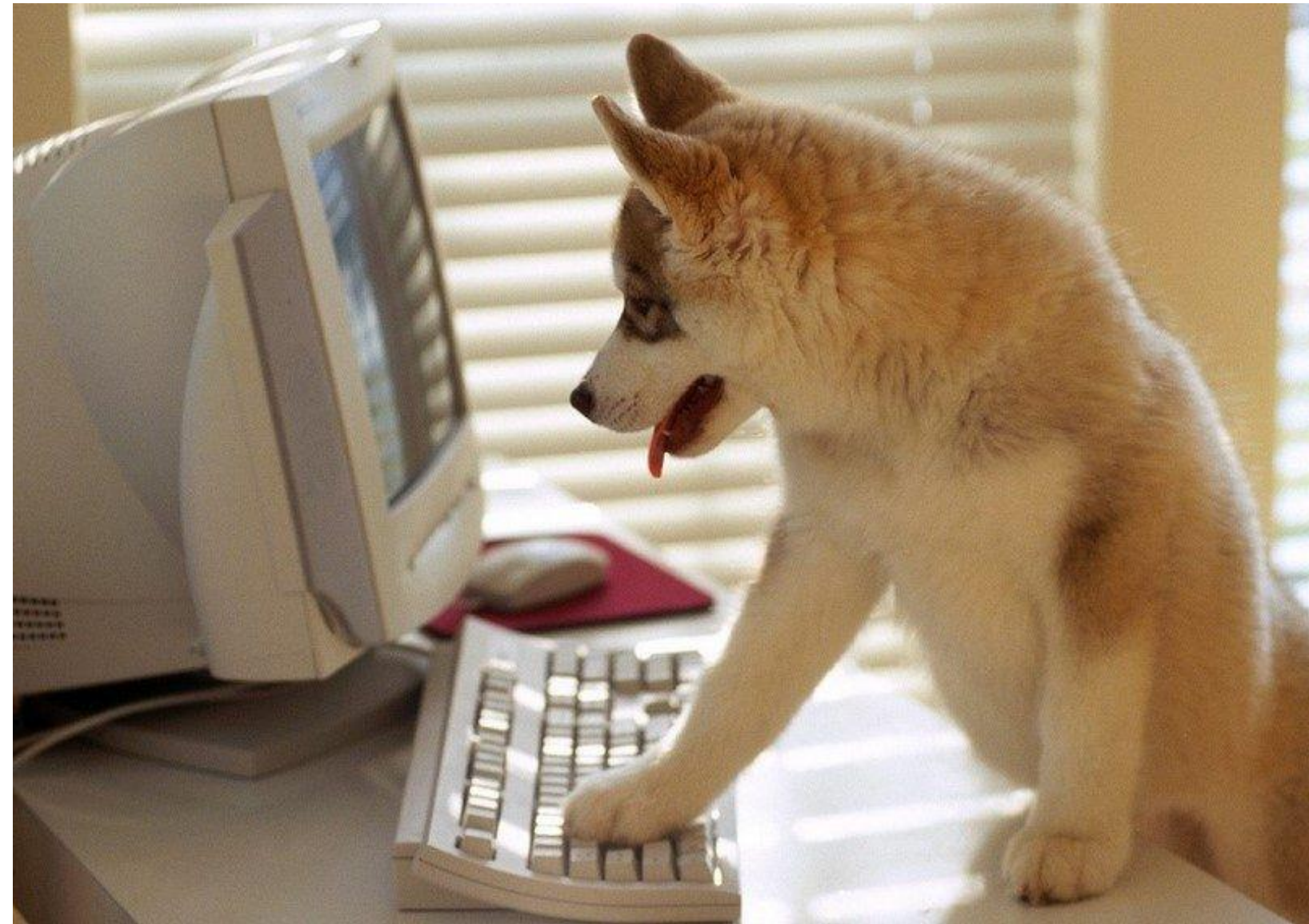


# Java Programming



# Organizational Stuff

## Important Links

- Git commands:  
<https://github.com/javaprogrammingbuw/structures/wiki/Git-commands>
- How to compile Java Code:  
<https://github.com/javaprogrammingbuw/structures/wiki/How-To-Compile>

# Methods

## Syntax:

```
public static <RETURN TYPE> <NAME> (<PARAMETER1 optional>,  
<PARAMETER2 optional>, ...) {  
    <STATEMENT1>;  
    <STATEMENT2>;  
    ...  
    return ... (unless void);  
}
```

# Methods

## Simple Example:

```
public static void hello() {  
    System.out.println("Hello World!");  
}
```

# Methods

## Another Example:

```
public static int sum(int a, int b) {  
    return a+b;  
}
```

# Methods

## Main-Method:

```
public static void main(String[] args) {  
    // ...  
}
```

# Methods

## Where to place your Methods?

```
public class Example{  
  
    //Within those brackets  
  
}
```

But: Never create a method in another one!

# Methods

## How to call your Method?

```
public class Example{

    public static void main(String[] args){
        hello();
        System.out.println(sum(2,3));
    }

    public static void hello(){
        System.out.println("Hello World!");
    }

    public static int sum(int a, int b){
        return a+b;
    }

}
```



# Methods

## Today's Assignment:

<https://classroom.github.com/a/3Na72Pa4>

