Exercises

Dependencies

We have three kinds of **Device: Phone, SmartWatch** and **Laptop.** All of them have an Operative System and the inches of the screen. Also, every **Device** can print the current time

But also each one has different characteristics such as:

Dependencies

Phone: It has an <u>agenda</u> where the contacts are stored. (It needs a method to add contacts and other to read them). Also we can call someone in our agenda.

Laptop: The screen can be <u>touchable</u> or not. Store it as a boolean value.

SmartSwatch: It <u>prints the current time</u> in a fancy way-> ***2015-10-28 02:13:18****

Dependencies

Some of the devices have a new feature!
The Phone and the **SmartSwatch** can take photos!
Modify the classes that implement that a behavior.

The method should return a string with a text and the operative system, like this:
"Photo taken in Android"

Dependencies

The agenda attribute is too coupled. Try to refactor the Phone class. Maybe splitting it in two classes is a good idea (Phone and Agenda)

After that, think how can the Phone communicate with the Agenda…

Don't worry if you have to change many things, it is for a good reason!

Dependencies

We need to include a new object in our application. Now we have a Microwave, it can heat food and print the time

Dependencies

Store in an array an instance of every class you have created and then, make every instance to print the time

remember: instance == object

IRON
HACK