**Java Reflection – Attributes**

<https://www.hackerrank.com/challenges/java-reflection-attributes/problem>

JAVA reflection is a very powerful tool to inspect the attributes of a class in runtime. For example, we can retrieve the list of public fields of a class using *getDeclaredMethods()*.

In this problem, you will be given a class *Solution* in the editor. You have to fill in the incompleted lines so that it prints all the methods of another class called *Student* in alphabetical order. We will append your code with the *Student* class before running it. The *Student* class looks like this:

class Student{

private String name;

private String id;

private String email;

public String getName() {

return name;

}

public void setId(String id) {

this.id = id;

}

public void setEmail(String email) {

this.email = email;

}

public void anothermethod(){ }

......

......

some more methods

......

}

You have to print all the methods of the student class in alphabetical order like this:

anothermethod

getName

setEmail

setId

......

......

some more methods

......

There is no sample input/output for this problem. If you press "Run Code", it will compile it, but it won't show any outputs.

**Hint:** See the oracle docs for more details about [JAVA Reflection Methods and Fields](https://docs.oracle.com/javase/tutorial/reflect/class/classMembers.html)