Assignment 1

Exercise 1 (1pt)

```
public class MyClass { }
```

In order to compile this program, what name should you give to the file?

Exercise 2 (2pt)

Write a program that prints your NetId on the console, submit also the screenshot.

Exercise 3 (2pt)

```
public class Month {
    public static void main(String[] args)
    {
        int month = 010;
        System.out.println("the month is " + month);
    }
}
```

Is this program correct?
Is so, what does this program print, why?
If not, why?

Exercise 4 (3pt)

```
int x = 2;
int y = x+ ++x;
```

1) What is the value of y at the end, why?

```
int x = 2;
int y = ++x + x;
```

2) What is the value of y at the end, why?

```
int x = 2;
int y = x++ + x;
```

3) What is the value of y at the end, why?

Exercise 5 (2pt)

```java
public class Variable {
    public static void main(String[] args)
    {
        int a;
        int b = a + 10;
        System.out.println(b);
    }
}
```

Is this program correct?
If so, what does it print?
If not, why?

Instructions

The solution of the exercises must be provides as a **java** (for the code, do not submit class files), **png** (for eventual screenshot), and **pdf** (for eventual text) files. The **files must be zipped** together before upload.

Assignments not respecting these instructions will be ignored.