

# Assignment 1

## Exercise 1 (1pt)

```
public class MyFirstClass { }
```

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 = 3;  
int y = x+ ++x;
```

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

```
int x = 3;  
int y = ++x + x;
```

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

```
int x = 3;  
int y = x++ + x;
```

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

## Exercise 5 (2pt)

```
public class TestVariable {  
    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 provided 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. Use the **terminal** to compile and execute the code.

**Assignments not respecting these instructions will be ignored.**