



# TP01

Git, GitHub, Repository,  
Commit, Pull, Push

## TP01.1 Git Installation

Install Git on your PC. If your OS is Windows install Git for Windows. Then, configure global user.email and user.name to your email and username (should use your real name if possible).

(hint: Check lesson page 27 and 28)

## TP01.2 Sign up GitHub Account

Sign up for a new account on GitHub if you don't have one. Configure your profile by setting username and setting a strong password. Enable two-factor authentication if possible.

(Install GitHub Desktop for easier to manage your repositories)

Login to your GitHub account using Git for Windows or GitHub Desktop.

## TP01.3 Create a GitHub Repository

Create a new GitHub repository (public one) name **tp01-ipe** that will put some code and a **README.md** file.

Clone the repository, create a **README.md** file then edit it with text editor or Visual Studio Code. Put the content is following:

```
## About TP01 IPE
```

```
`Introduction to Programming Environment` is a subject that helps students to build a professional environment for coding and understanding some technical words used in everyday project development. We believe development must be an enjoyable and creative experience to be truly fulfilling. IPE takes the pain out of development by easing common tasks used in many projects, such as:
```

- Code sharing for group project development.
- Code versioning for keeping changes under control.
- Code ownership by identifying who make any part of the code.

- Task management for dividing tasks for each team member.

## ## Code of Conduct

In order to ensure that everyone understand the subject, make sure everyone complete every ``Task Practice``.

## ## License

The IPE TP01 is open-sourced software licensed under the [MIT license](<https://opensource.org/licenses/MIT>).

## ## Example code

Java code example:

```
```Java
    public class App {
        public static void main(String[] args) {
            System.out.println("Welcome to IPE TP01.");
        }
    }
```
```

View it in GitHub you will see it looks good.

Then, lastly commit and push code.