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TP01

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I3-GIC

Group(d)

Lecture: Mr. TAL Tongsreng

Academic year 2024-2025

TP01.1 Git Installation:

```
PS C:\Users\User> git --version
git version 2.47.1.windows.2
PS C:\Users\User>
```

TP01.2 Sign up GitHub Account:

```
PS C:\Users\User> git config --global user.name "Gecker23"
PS C:\Users\User> git config --global user.email "moniromyi@gmail.com"
PS C:\Users\User> cd Documents/
PS C:\Users\User\Documents> cd Year-3\sem_2\Environment
PS C:\Users\User\Documents\Year-3\sem_2\Environment> mkdir tp01-ipe
```

TP01.3 Create a GitHub Repository:

```
PS C:\Users\User\Documents\Year-3\sem_2\Environment> cd tp01-ipe
PS C:\Users\User\Documents\Year-3\sem_2\Environment\tp01-ipe> git init
Initialized empty Git repository in C:/Users/User/Documents/Year-3/sem_2/Environment/tp01-ipe/.git/
PS C:\Users\User\Documents\Year-3\sem_2\Environment\tp01-ipe> echo "tp01-ipe">README.md

PS C:\Users\User\Documents\Year-3\sem_2\Environment\tp01-ipe> ls
```

Directory: C:\Users\User\Documents\Year-3\sem_2\Environment\tp01-ipe

Mode	LastWriteTime	Length	Name
----	-----	-----	----
-a----	6/2/2025 8:23 PM	22	README.md

```
PS C:\Users\User\Documents\Year-3\sem_2\Environment\tp01-ipe>
```

```
1  ## About TP01 IPE
2  `Introduction to Programming Environment` is a subject that helps students to
3  build a professional environment for coding and understanding some technical
4  words used in everyday project development. We believe development must be an
5  enjoyable and creative experience to be truly fulfilling. IPE takes the pain out
6  of development by easing common tasks used in many projects, such as:
7  - Code sharing for group project development.
8  - Code versioning for keeping changes under control.
9  - Code ownership by identifying who make any part of the code.
10 Task management for dividing tasks for each team member.
11 ## Code of Conduct
12 In order to ensure that everyone understand the subject, make sure everyone
13 complete every `Task Practice`.
14 ## License
15 The IPE TP01 is open-sourced software licensed under the \[MIT
16 license\]\(https://opensource.org/licenses/MIT\) .
17 ## Example code
18 Java code example:
19 ```Java
20 public class App {
21     public static void main(String[] args) {
22         System.out.println("Welcome to IPE TP01.");
23     }
24 }
25 ```
26 View it in GitHub you will see it looks good.
```

<https://github.com/Gecker23/tp01-ipe/blob/main/README.md>

```
Windows PowerShell
PS C:\Users\User\Documents\Year-3\sem_2\Environment\tp01-ipe> git add README.md
PS C:\Users\User\Documents\Year-3\sem_2\Environment\tp01-ipe> git commit -m "Add README.MD"
[master (root-commit) bc2e3e7] Add README.MD
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.md
PS C:\Users\User\Documents\Year-3\sem_2\Environment\tp01-ipe> git remote add origin https://github.com/Gecker23/tp01-ipe.git
PS C:\Users\User\Documents\Year-3\sem_2\Environment\tp01-ipe> git branch -M main
PS C:\Users\User\Documents\Year-3\sem_2\Environment\tp01-ipe> git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 20 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 1017 bytes | 508.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Gecker23/tp01-ipe.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
PS C:\Users\User\Documents\Year-3\sem_2\Environment\tp01-ipe> |
```