MODULE 2 : INTRODUCTION TO GIT

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MODULE OUTLINE

01 What is Git?

02 Git Workflow and Fundamental Git Concepts

03 Basic Git Terminology

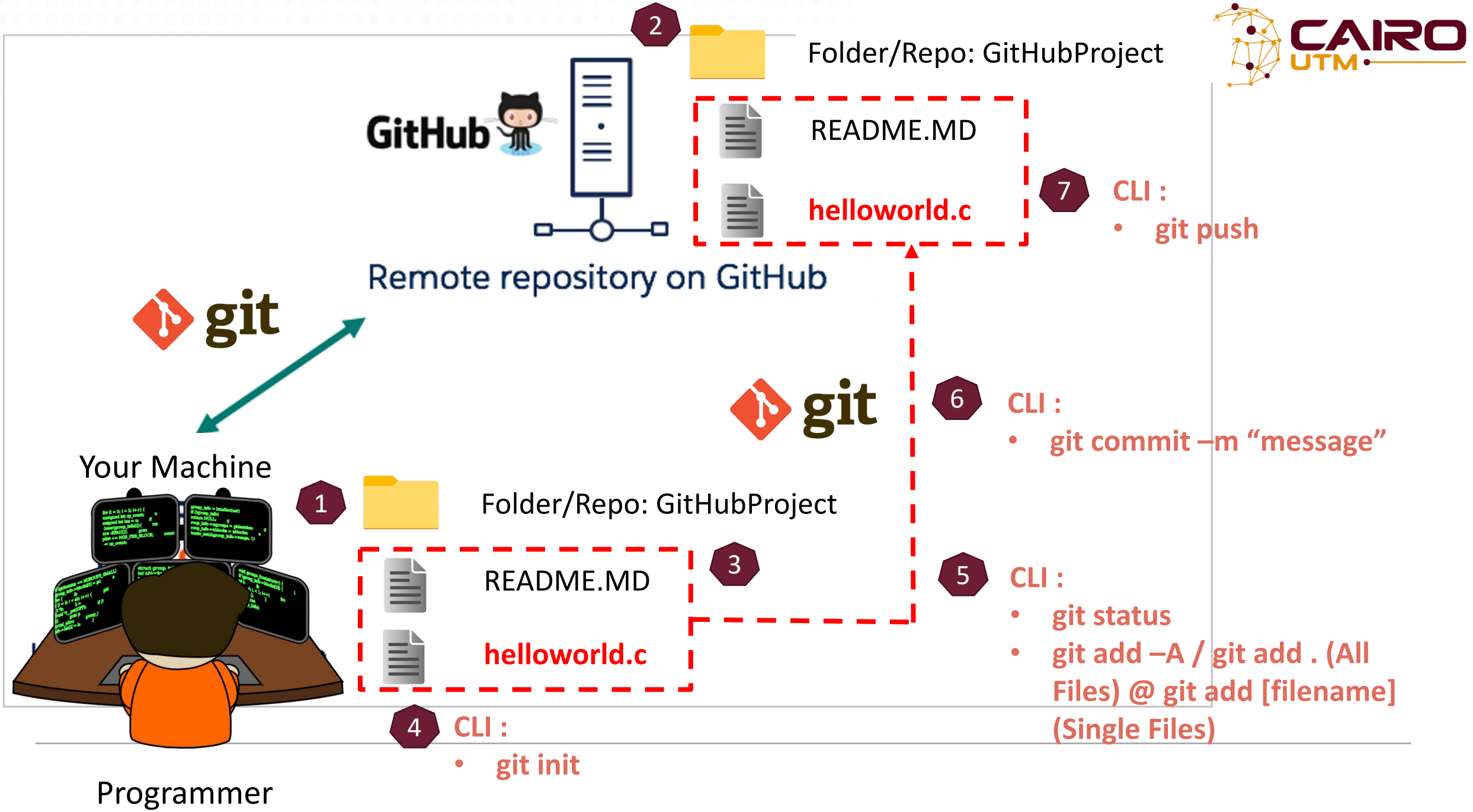
04 Basic Git Commands in CLI

01
WHAT IS GIT?

WHAT IS GIT?

- **Command** used in **Version Control System (VCS)**
- **Set of commands** that users can **use to perform various version control tasks**
- Version control tasks : make copy of file, changes in file, file status, file history etc

02
GIT WORKFLOW & FUNDAMENTAL GIT CONCEPT



03
BASIC GIT TERMINOLOGY

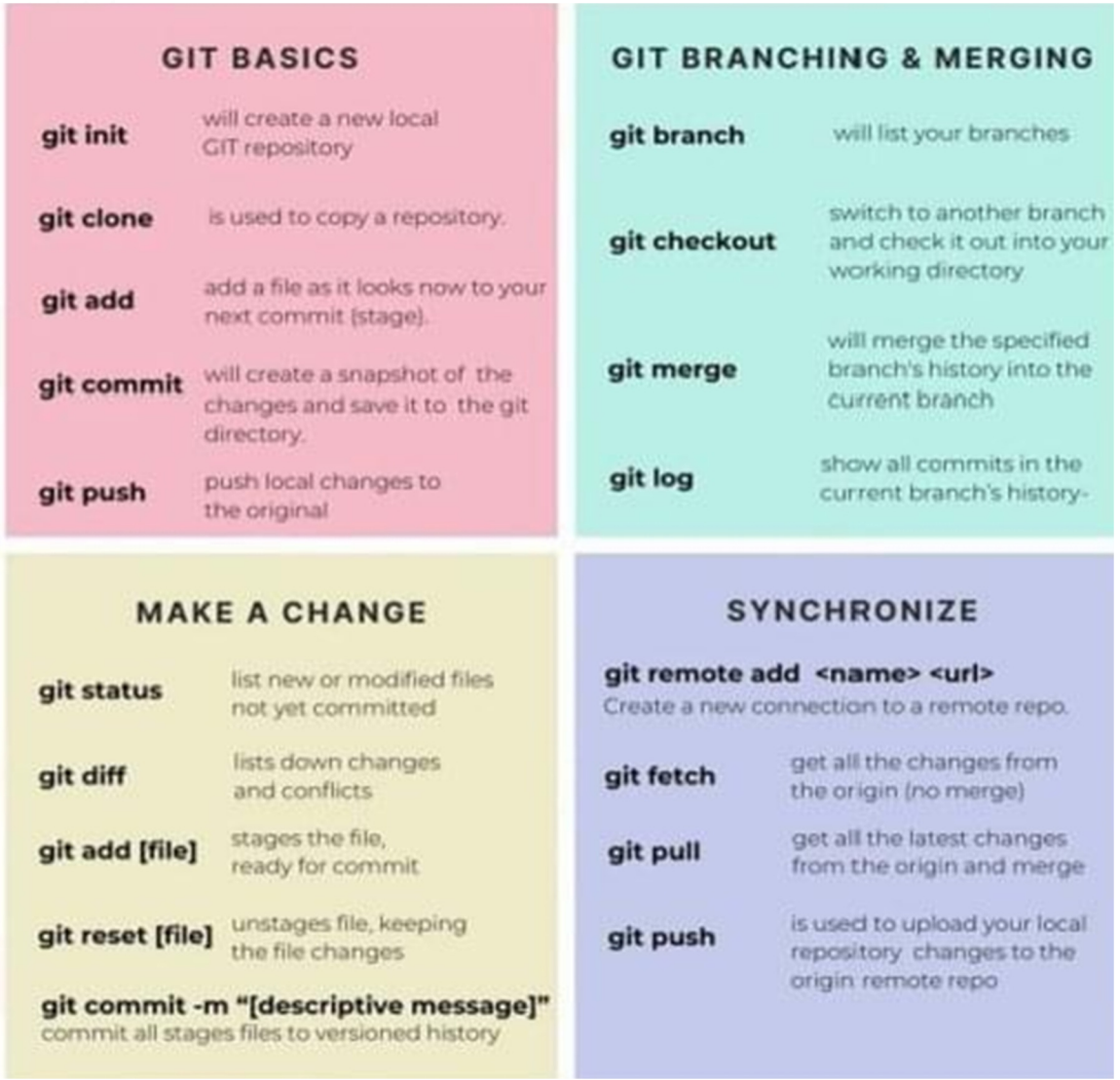
BASIC GIT TERMINOLOGY

Git Terminology	Descriptions
Repository	Storage with collection of files and directories
Init	Initialize new repository
Commit	Changes to repository at specific point in time
Add	Add file
Status	Information which files have been modified
Push	Upload local changes to remote repository

04
BASIC GIT COMMANDS IN CLI

BASIC GIT COMMANDS IN CLI

- Git commands are used by users to communicate with the machine
- Git bash / command prompt is an application for Windows environments
- Terminal is used for Mac user
- There are numerous git commands to perform every functions



INSTALLATION & CONFIGURATION

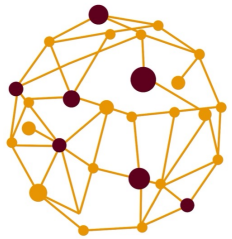
INSTALL GIT ON YOUR LOCAL MACHINE

1. Install Git https://git-scm.com/downloads
2. Install Visual Studio Code (vscode)
    - Open https://code.visualstudio.com/
    - Click Download button

CONFIGURE GIT SETTINGS (NAME, EMAIL ADDRESS)

Configure Git (user information for all local repositories)

- git config --global user.name “name”
- git config --global user.email “email address”
- git config --global --list



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THANK YOU

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