# Module 1: L2

## Setting up your development environment guide

## Tools Needed

- Vscode or any other code editor + Golang and docker extension
  follow this link, download the editor and follow the wizard instruction

-> https://code.visualstudio.com/download

- Go programming language (compiler and standard library)
  follow this link, download the setup for your machine and install it

-> https://go.dev/dl/

- Arc or any other browser if you chose arc follow this link to download it.

-> https://arc.net/

- WSL/for windows for windows 10 or 11 follow this official Microsoft guide to enable it( on windows 10) and install it then after

-> https://learn.microsoft.com/en-us/windows/wsl/install

- Docker installation is not straight forwards (for windows) but it is still relatively easy. follow this link to the official site to install it

-> https://www.docker.com/products/docker-desktop/

- git installation is again straight forward simply follow this link and set it up

-> https://git-scm.com/downloads

- git flow is installable via npm or other package managers follow this indepth guide to set it up

 ->  https://danielkummer.github.io/git-flow-cheatsheet/

- make makes it easy to run commands so go to this page to install it

-> https://leangaurav.medium.com/how-to-setup-install-gnu-make-on-windows-324480f1da69

- migrate is used for initializing and syncing db migration files for golang installa as well simple, you can follow this guide to install it. you can also install it via s for ease ( for windows users) using this command scoop bucket add main

  https://github.com/golang-migrate/migrate

- air is like nodemon for golang and can be installed after you visit this page

  https://pkg.go.dev/github.com/aofei/air#section-readme

- table plus is an awesome db client that we will be using for managing our database interactively. You can install it by visiting this page

  https://tableplus.com/download

  - Postman will be used to test our apis and is one of the modt popular api testing clients out there.

  https://www.postman.com/jp/downloads/