

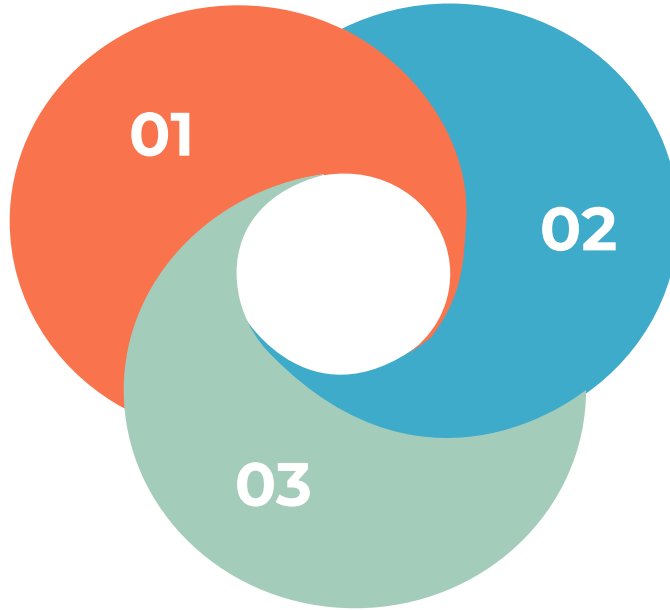
Installing Rust

A step-by-step guide to help students install Rust

Step 1: Open your Terminal

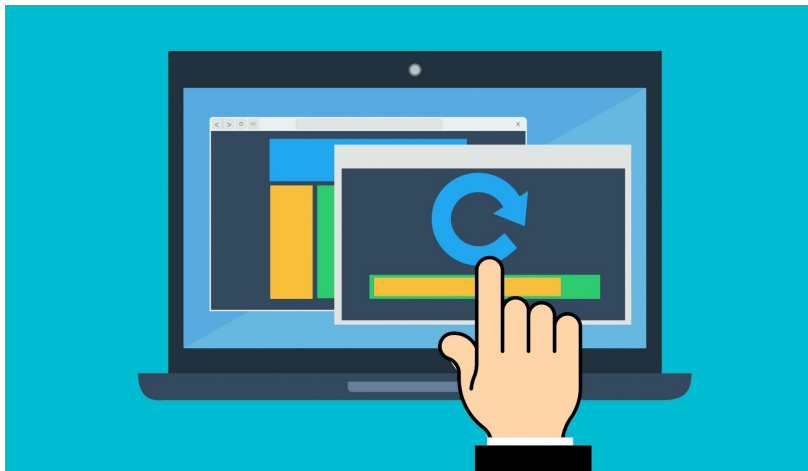
On Windows, use
Command Prompt,
PowerShell, or another
terminal emulator

On Linux, use the terminal
emulator available in your
distribution



On macOS, open the
Terminal application

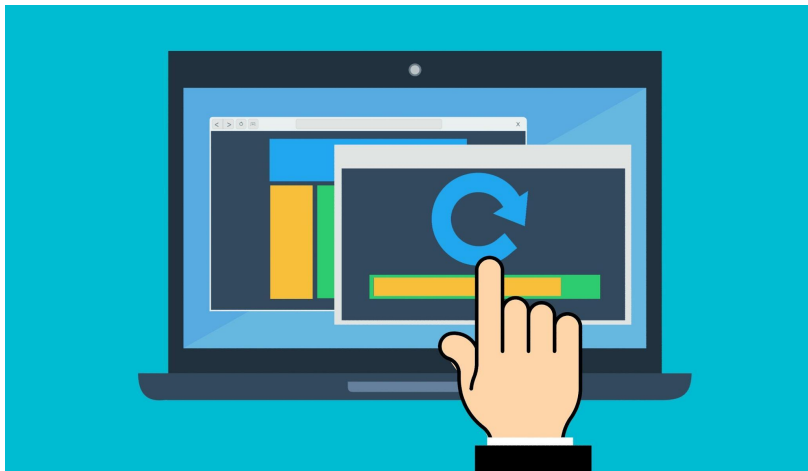
macOS



Step 2: Install Rust with Rustup

- Rustup is the recommended way to install Rust
- Type the following command and press Enter: `curl -proto '=https' --tlsv1.2 -sSf https://sh.rustup.rs / sh`
- The default options are usually sufficient
- you just need to restart your terminal or run the following command: `source $HOME/.cargo/env`

Windows



Step 2: Install Rust with Rustup.exe file

- Use the following link to download the .exe file:
<https://static.rust-lang.org/rustup/dist/i686-pc-windows-gnu/rustup-init.exe>
- The default options are usually sufficient

Create a sample rust project and run

- Go to your designated folder where you want to create your project with command

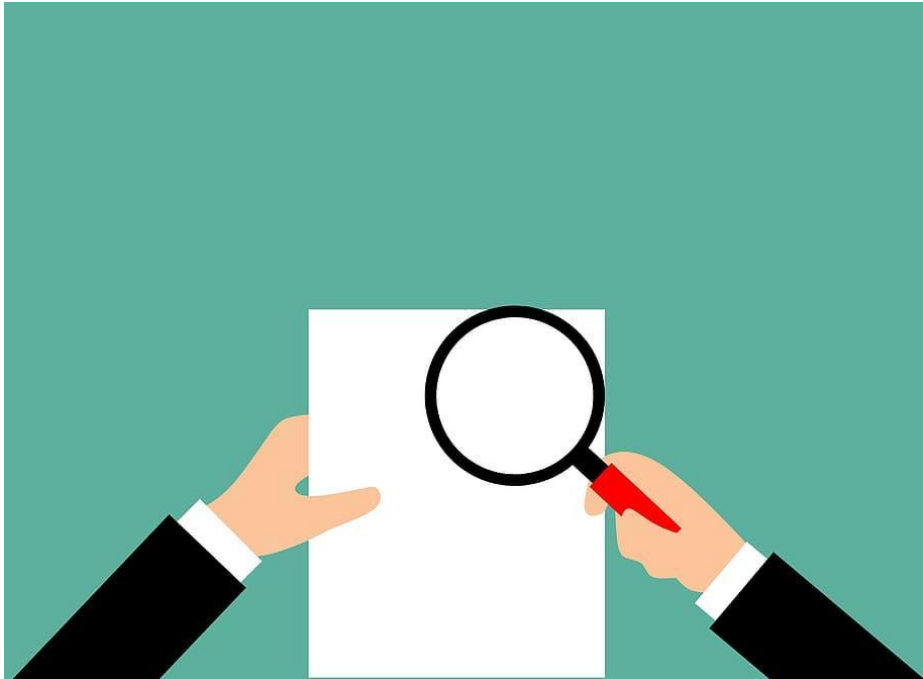
cd foldername

- Then you can just run following three commands to create and run a rust project.

cargo new demo-proj --bin

cd demo-proj

cargo run



Step 4: Verify the installation

1. This command should print the version of Rust that you installed.
2. To ensure that Rust is installed correctly, type the following command and press Enter: ***rustc --version***

Thank you. Please feel free to ask any questions.

