

TUTORIAL MENGGUNAKAN PASCAL DI VSCODE

A. PROSES INSTALASI

1. Download Compiler Pascal (Kali ini aku pakai Free Pascal).

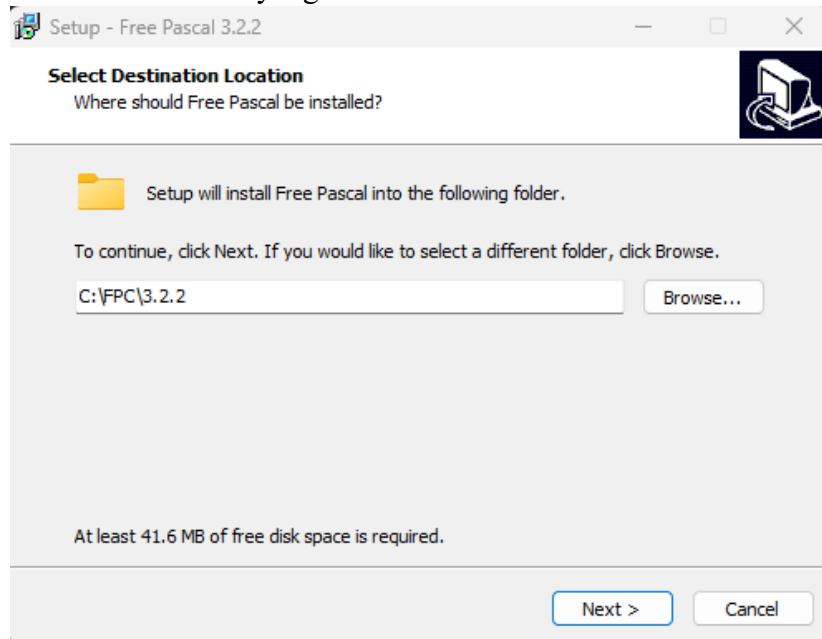
Link: <https://sourceforge.net/projects/freepascal/files/latest/download>



2. Install Compiler Pascal.

Caranya:

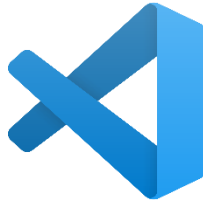
- Buka File Installer Free Pascal yang udah di download



- Next aja terus
- Kalau ada centang, centangin aja
- Finish :v

3. Download Text Editor VSCode.

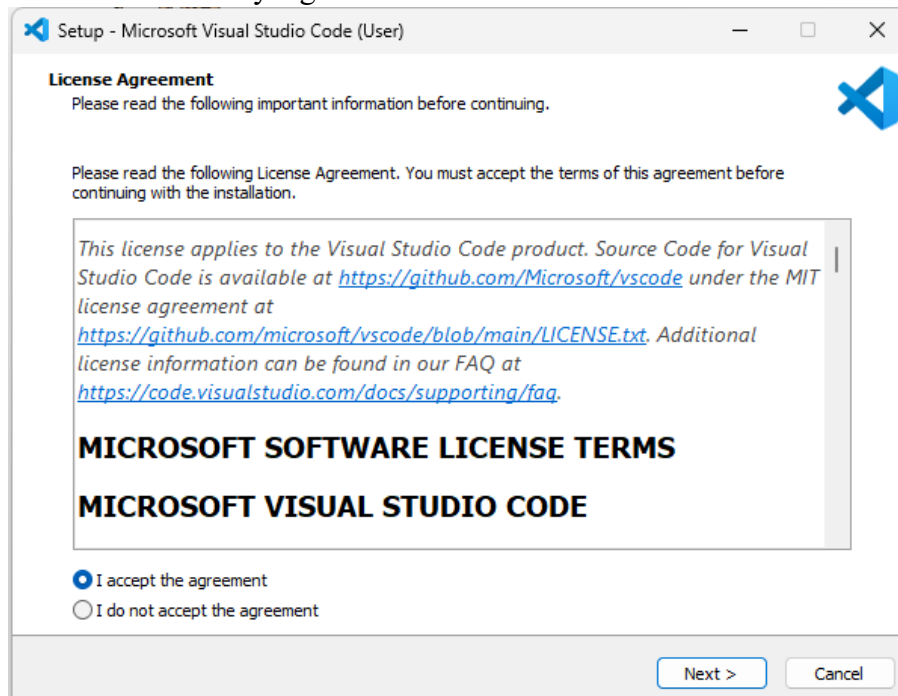
Link: <https://code.visualstudio.com/sha/download?build=stable&os=win32-x64-user>



4. Install VSCode.

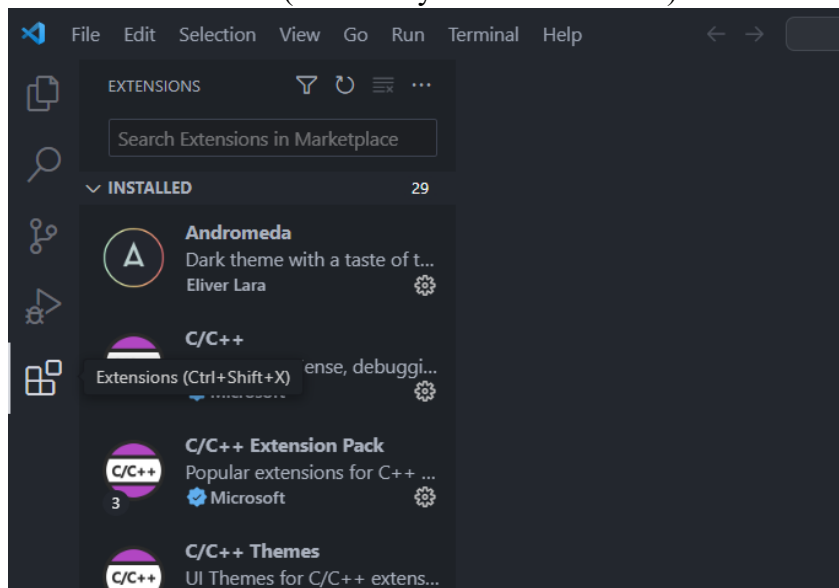
Caranya:

- Buka File Installer VSCode yang udah di download



- Pilih "I accept the agreement"
- Next, next, next, install, finish
- Selesai dan Buka VSCode

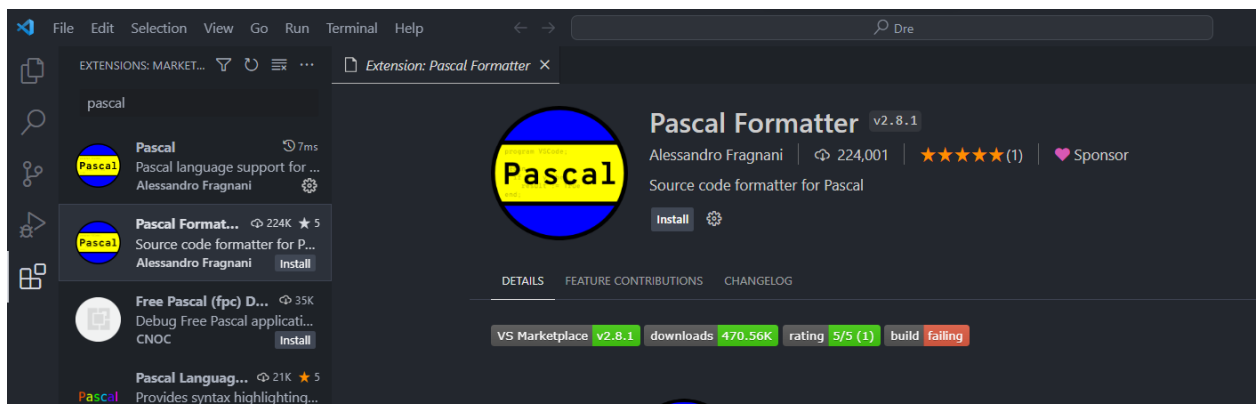
5. Buka Menu Extensions di kiri atas (Shortcutnya Ctrl + Shift + X)



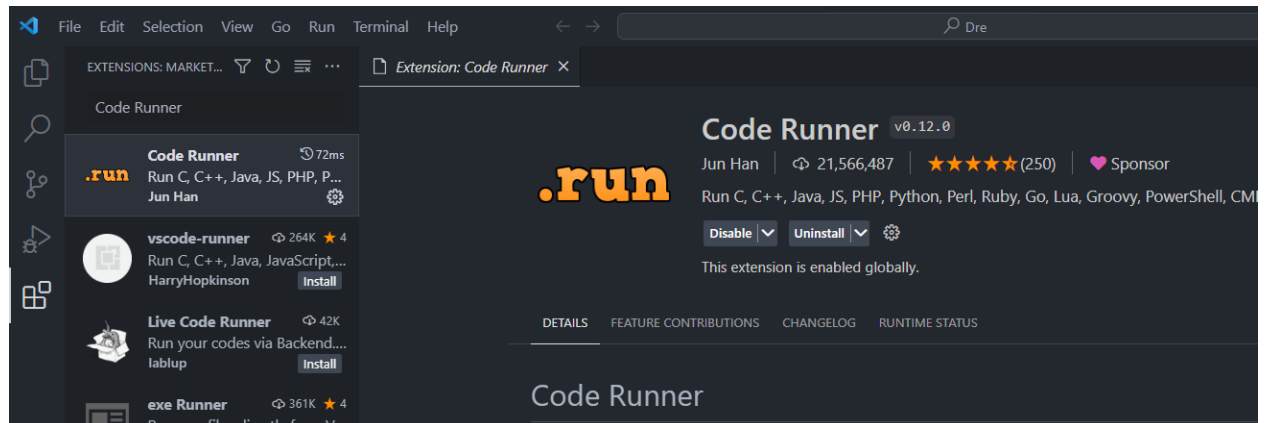
6. Cari dan Install Extension “Pascal”



7. Cari dan Install Extension “Pascal Formatter”

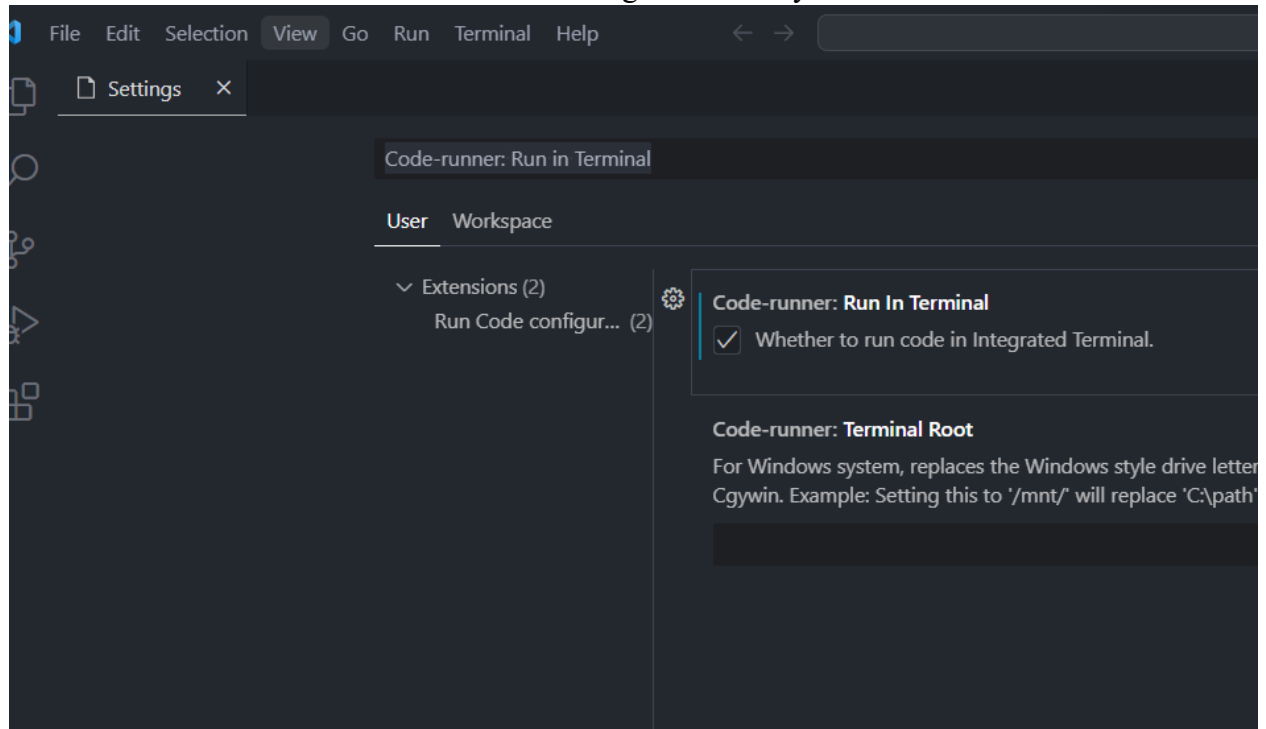


8. Cari dan Install Extension “Code Runner”



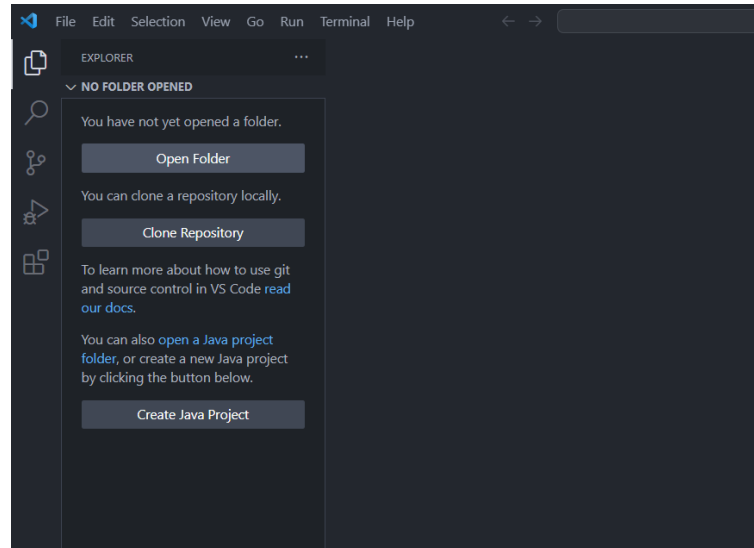
9. Buka Menu di atas kiri **File > Preferences > Settings**. (Shortcutnya Ctrl + ,)

10. Cari “code-runner: Run in Terminal”. Centang checkbox nya

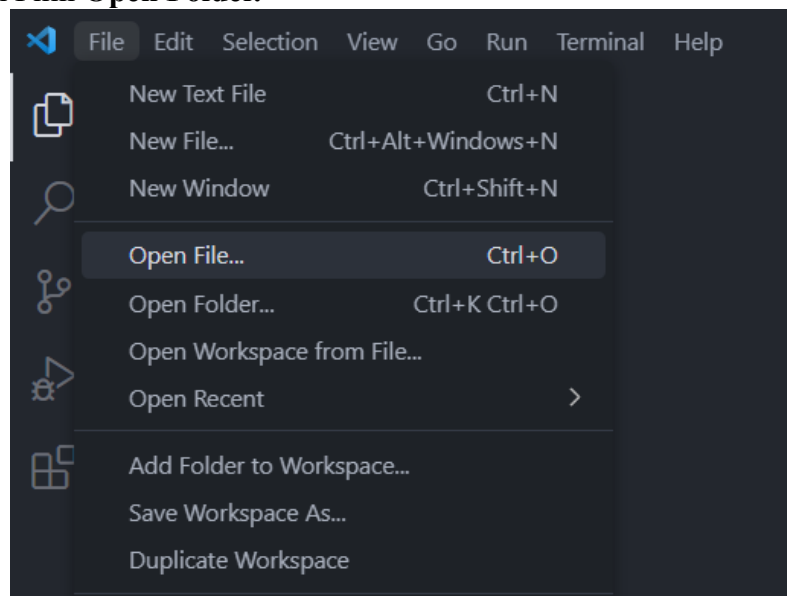


B. PROSES SETUP

1. Tutup dan buka lagi VSCode (restart VSCode nya maksudnya).
2. Pilih Folder dimana mau nyimpan semua file source code kalian dengan 3 cara berbeda:
 - Klik **Open Folder** dan Pilih Folder.

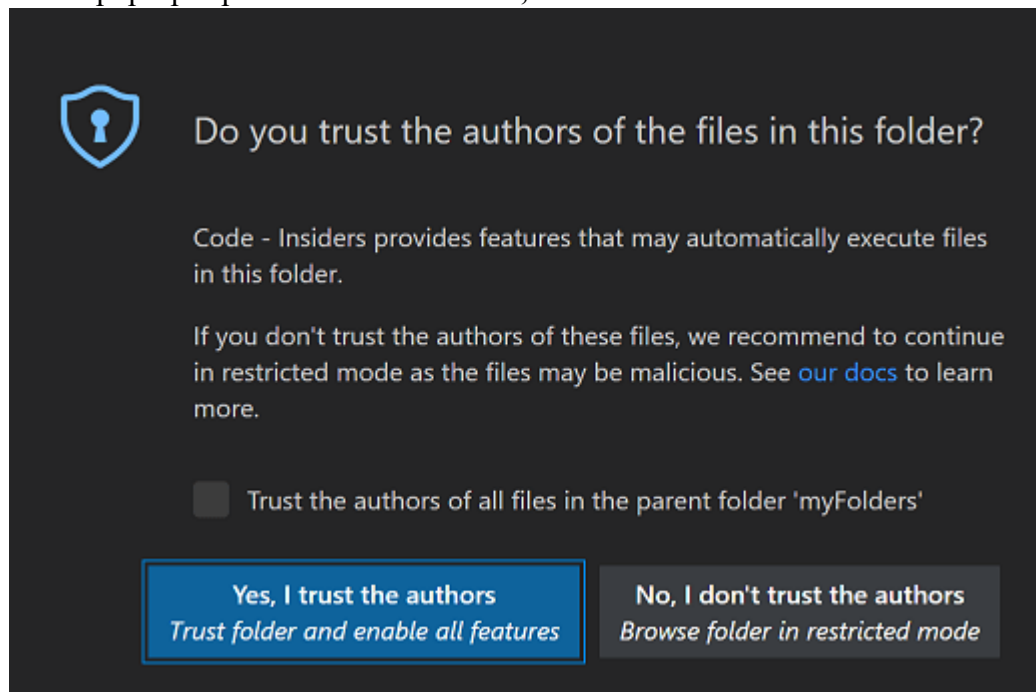


- Klik File dan Pilih **Open Folder**.

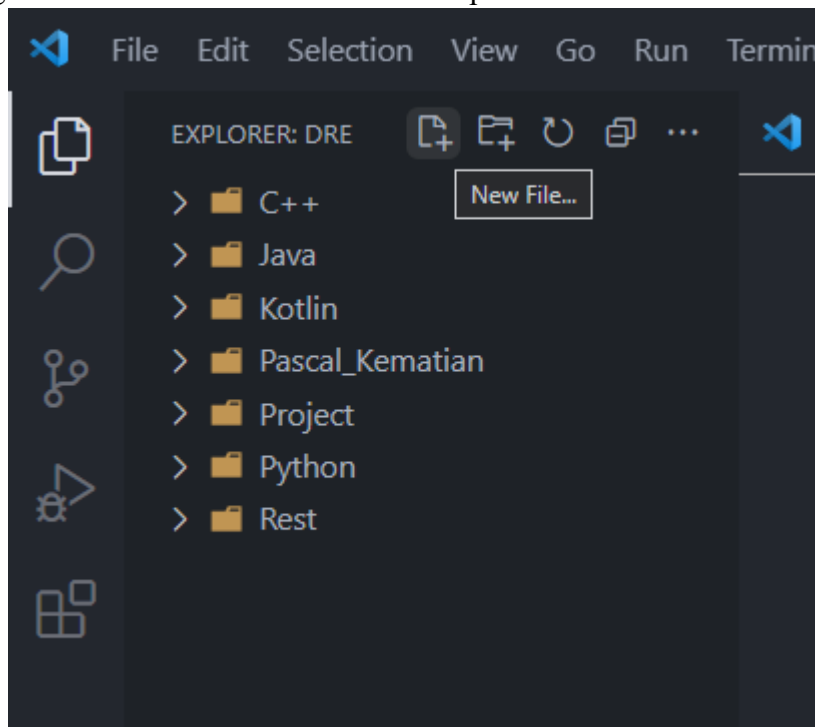


- Tekan Tombol Shortcut “**Ctrl + K + O**” dan pilih Folder

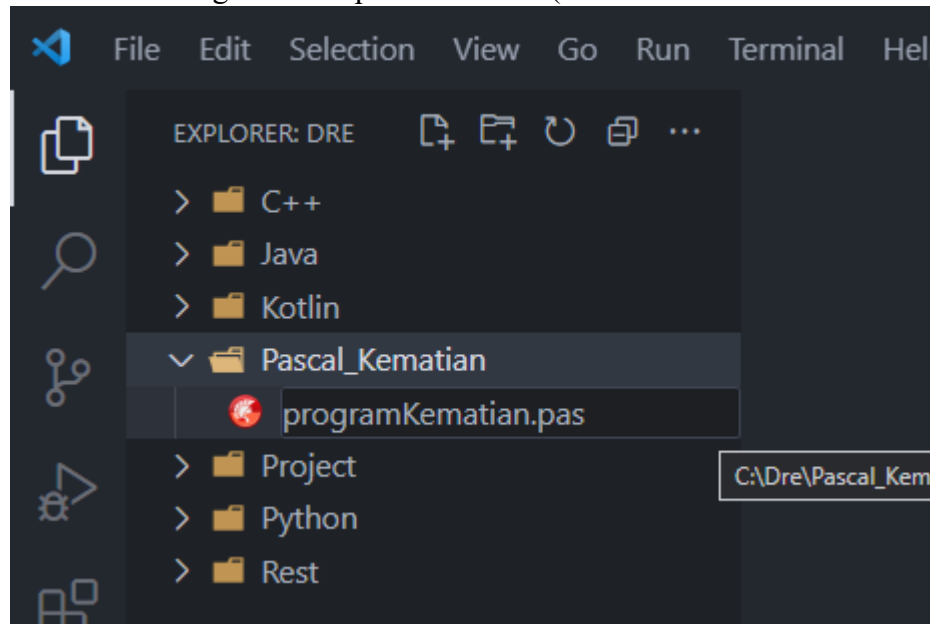
3. Jika muncul pop-up seperti berikut. Klik “**Yes, I trust the authors**”.



4. Buat File dengan cara klik **New File** di kiri atas Explorer.



5. Beri Nama File sesuai dengan aturan penamaan File (Taulah kan? Taulah masak enggak)

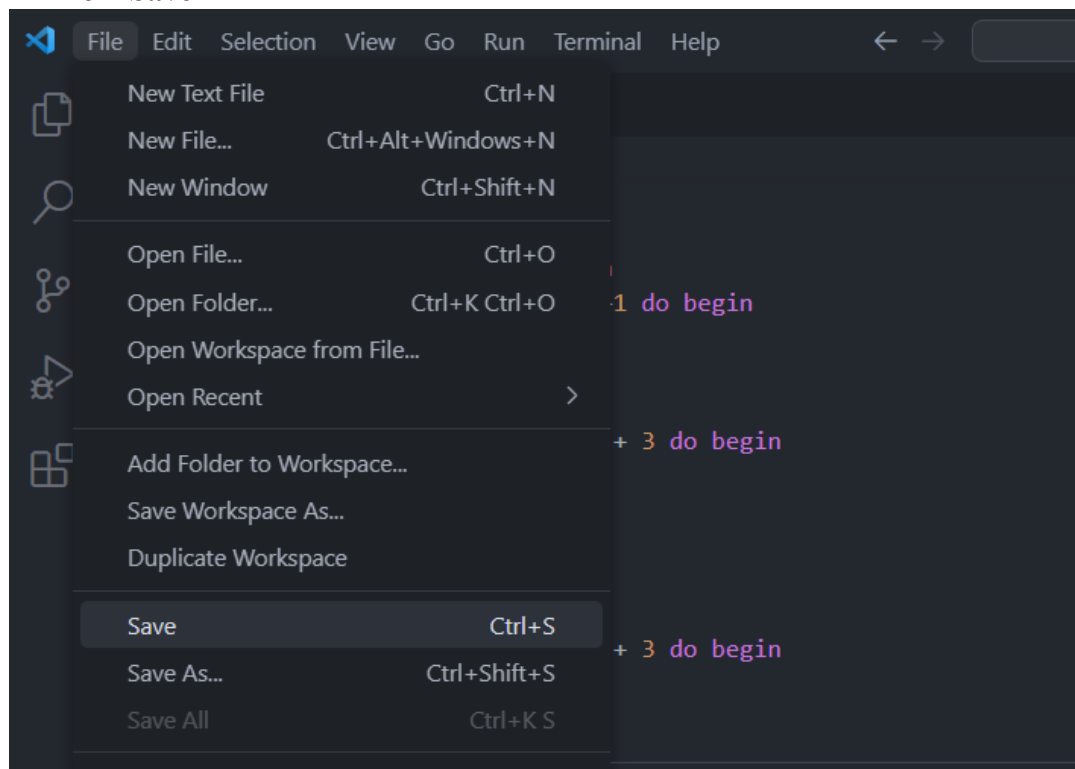


6. Silahkan bersenang-senang

C. PROSES RUNNING PROGRAM

1. Pastikan Program sudah tersimpan dengan cara:

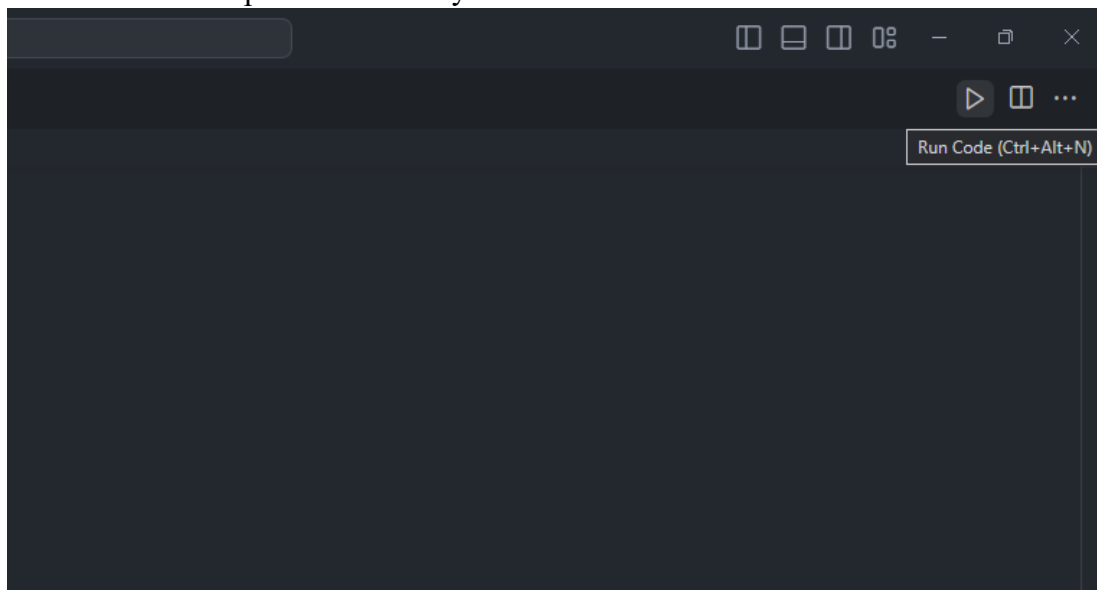
- Klik **File > Save**



- Tekan Tombol “**Ctrl + S**”

2. Run Program dengan cara:

- Klik **Run Code** seperti tombol Play di atas kanan



- Tekan tombol “**Ctrl + Alt + N**”

3. Program sudah jalan di Terminal

The image shows a Pascal IDE window titled "programKematian.pas". The code is as follows:

```
18
19 for i := 0 to 1 do begin
20     for j := 1 downto i+1 do begin
21         Write(' ');
22     end;
23     Write('o ');
24     for j := 0 to 2 * i + 3 do begin
25         Write('+ ');
26     end;
27     Write('o ');
28     if(i = 0) then
29         Write(' o ');
30     for j := 0 to 2 * i + 3 do begin
31         Write('+ ');
32     end;
33     Write('o ');
34     WriteLn;
```

The IDE has tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, and PORTS. The TERMINAL tab is active, showing the output of the program:

```
o o o o   o o o o
o + + + o   o + + + + o
o + + + + + o + + + + + o
o + + + + + + + + + + + o
o + + + + + + + + + + + o
o + + + + + + + + + + + o
o + + + + + + + + + + + o
  o + + + + + + o
    o + + + + o
      o + + o
        o + o
          o
```

The command prompt shows the command "P5 C:\Dre\Pascal_Kematian>" and the status bar at the bottom indicates "Ln 44, Col 9 Spaces: 4 UTF-8 CRLF Pascal Go Live".

Tutor By: Andre & Mbak L