

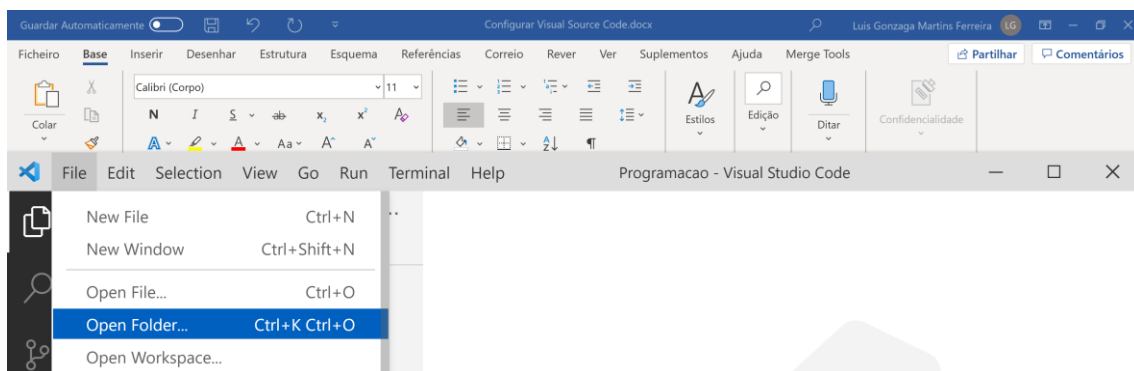
Visual Studio Code (VSC)

Preparação de Plataforma para trabalhar em C

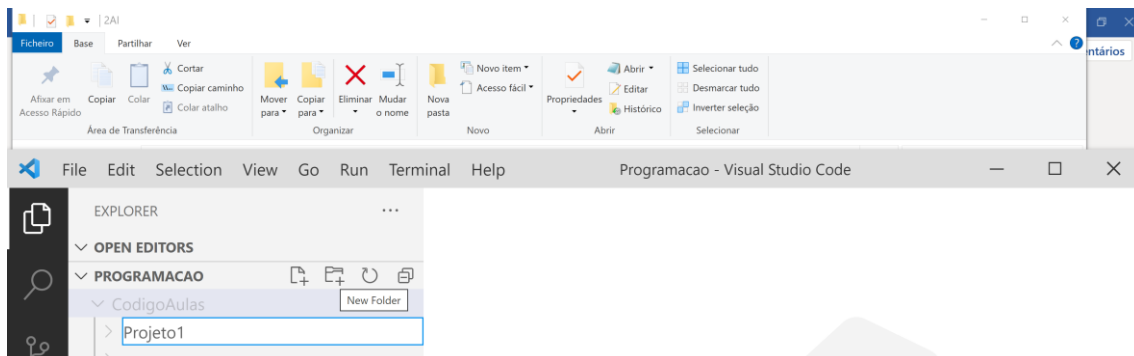
1. Criar pasta (Folder) no disco para armazenar o código produzido

Sugestão: c:\temp\Programao

2. Iniciar VSC e colocar-se (*Open Folder*) na pasta que criou (c:\temp\Programao)



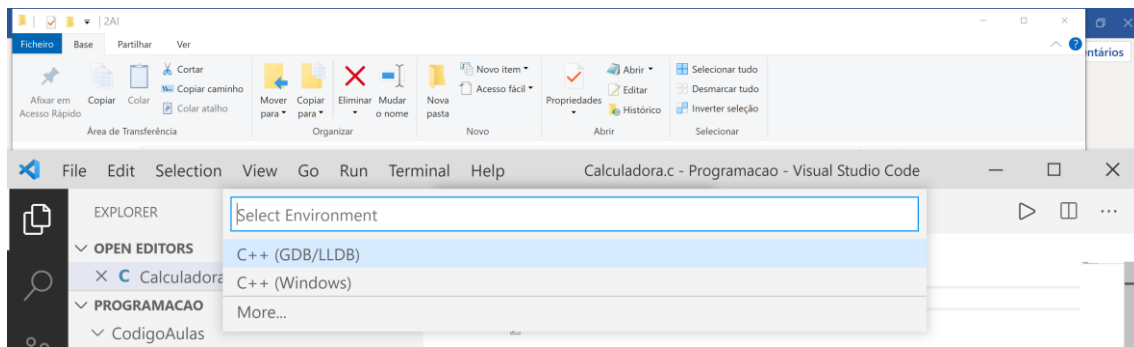
3. Crie uma nova pasta com o nome Projeto1



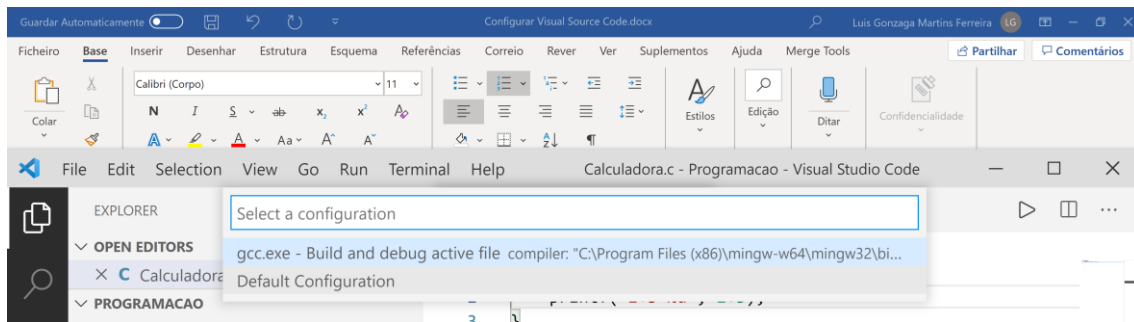
4. Criar ficheiro para código *Calculadora.c*. Documentar!
 5. Criar ficheiro para definições de funções *Operacoes.h*. Documentar!
 6. Criar ficheiro para implementação das funções *Operacoes.c*. Documentar!
 7. Inserir o código necessário em cada um dos ficheiros
-
8. Compilar e preparar para Debug: **hipótese 1**

a. *F5* ou *Run* → *Start Debugging*

b. Escolher C++(GDB/LLDB)



c. Escolher "gcc.exe"



d. Explorar o Debugg

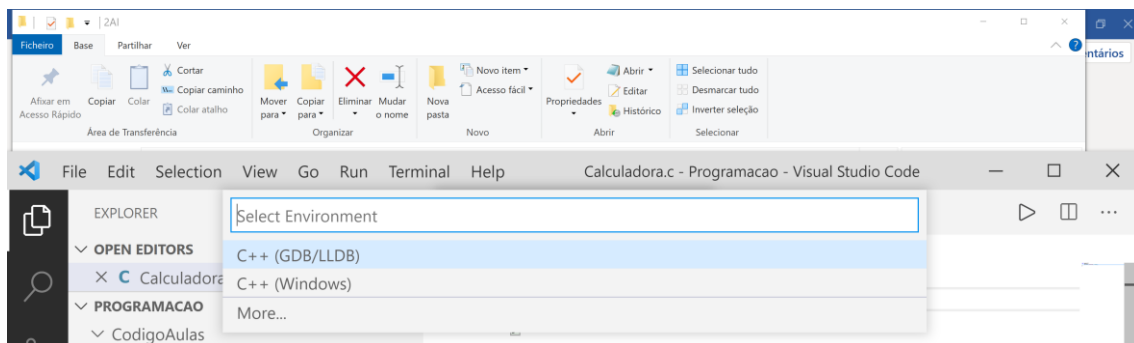
i. Breakpoints

ii. Step into | step over

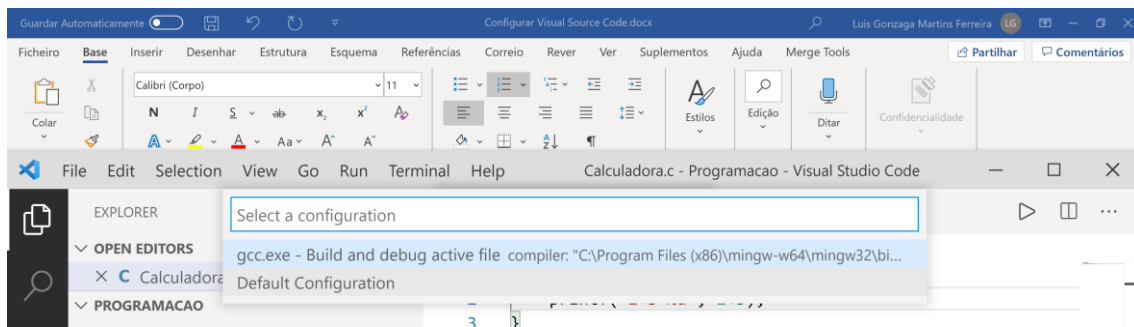
9. Compilar e preparar para Debug: **hipótese 2**

a. *F5* ou *Run* → *Start Debugging*

b. Escolher C++(GDB/LLDB)



c. Escolher “Default Configuration”



d. É criado um ficheiro “launch.json”. Alterar

```
1. {
2.     // Use IntelliSense to learn about possible attributes.
3.     // Hover to view descriptions of existing attributes.
4.     // For more information, visit: https://go.microsoft.com/fwlink/?linkid=830387
5.     "version": "0.2.0",
6.     "configurations": [
7.         {
8.             "name": "(gdb) Launch",
9.             "type": "cppdbg",
10.            "request": "launch",
11.            "program": "enter program name, for example ${workspaceFolder}/a.exe",
12.            "args": [],
13.            "stopAtEntry": false,
14.            "cwd": "${workspaceFolder}",
15.            "environment": [],
16.            "externalConsole": true,
17.            "MIMode": "gdb",
18.            "miDebuggerPath": "/path/to/gdb",
19.            "setupCommands": [
20.                {
21.                    "description": "Enable pretty-printing for gdb",
22.                    "text": "-enable-pretty-printing",
23.                    "ignoreFailures": true
24.                }
25.            ]
26.        }
27.    ]
28. }
```

Apagar

Alterar para a pasta do gdb.exe
C:\\Program Files (x86)\\mingw-w64\\mingw32\\bin\\gdb.exe

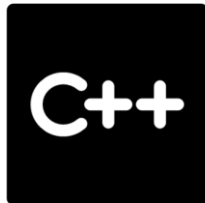
Compilar código para suportar debug

e. gcc -Wall *.c -g

Extensões a instalar



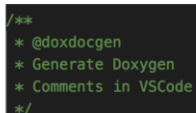
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