

PRACTICAL NO:-1

**AIM:-GCC COMPILER INSTALL,VS CODE SETUP,STEPS FOR
INSTALLATION VS CODE,WRITING FIRST C PROGRAM**

1) Installing compiler:-

- Go to any browser and download exe file of Mingw..
- The path for installation should be C:\mingw.
- Make sure to mark gcc compiler and basic Mingw setup for installation.
- Click on apply changes.

2) Add Compiler Path:-

- Open and edit system environment variables.
- Select path click edit.
- Click on new and enter this path C:\ mingw\bin.
- Select ok to apply the changes
- Run gcc --version to verify is compiler path is set correctly.

3) Install VS Code:-

- Go to any browser and download exe file of VS Code.
- Click I accept the agreement.
- Put VS Code for installation by Microsoft.

4) Set up VS code:-

- Download C/ C++ extension pack by Microsoft.
- Download code runner extension.
- Open settings, select run in terminal.

MY FIRST C PROGRAM:-

CODE:-

```
#include<stdio.h>
```

```
int main(){
```

```
    printf("dev pathak 10453\n");
```

```
    printf("BTECH 1ST CSE CORE ASSOCIATION WITH GOOGLE\n");
```

```
    printf(" I am 19 year old \n");
```

```
    return 0;
```

```
}
```

OUTPUT:

The screenshot shows the Microsoft Visual Studio Code interface. The left sidebar has icons for RUN AND DEBUG, BREAKPOINT, and ALL C++ EXCEPTIONS. The center pane displays the code file 'C:\first.c' with the following content:

```
#include<stdio.h>
int main()
{
    printf("DEV PATHAK\n");
    printf("btech 1st cse core branch with google\n");
    printf("I am 19 year old\n");

    return 0;
}
```

The right pane shows the terminal output:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS Filter: (e.g. text, exclude, regex...) C/C++: gccexe build an... > x
Loaded 'C:\WINDOWS\SYSTEM32\kernel32.dll'. Symbols loaded.
Loaded 'C:\WINDOWS\SYSTEM32\kernelbase.dll'. Symbols loaded.
Loaded 'C:\WINDOWS\SYSTEM32\msvcrt.dll'. Symbols loaded.
[New Thread 1088:0x2aae]
DEV PATHAK
btech 1st cse core branch with google
I am 19 year old
The program 'C:\Users\DELL\Desktop\program\first.exe' has exited with code 0 (0xe0000000).
```

The bottom status bar shows: Ln 10, Col 2 / Spaces: 4 / UTF-8 / CRLF / C / Go Live / Win32. The system tray shows the date and time as 10/13/2025.