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## Compilation

Program has been tested with the following configuration

...

The Meson build system

Version: 0.53.2

C compiler for the host machine: cc (gcc 9.3.0 "cc (Ubuntu 9.3.0-17ubuntu1~20.04) 9.3.0")

C linker for the host machine: cc ld.bfd 2.34

Host machine cpu family: x86\_64

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Found ninja-1.10.0 at /usr/bin/ninja

Run-time dependency fmt found: YES 6.1.2

...

## With Build System

To get meson, type the following

```
`sudo apt install meson`
```

You should get all the required dependencies from there.

To compile, simply input the following

...

```
meson setup build
```

```
cd ./build
```

```
ninja
```

...

I didn't go with make because it was more work, a lot more confusing and a lot more error prone.

## Without Build System

Meson is required.

# What works

Evaluates everything required in the assignment. Bonus not attempted

# How to use

Once the executable has been generated, you can use it in the following ways

``./calc <path to file>``

- Will execute the program on the provided file
- Prints output to the standard output

``./calc <path to file> <path to different file>``

- Will execute the program on the provided file
- Prints output to the other file path