

# Getting Started (LINUX)

## 1. Clone this repo:

??? info "commands"

```
```bash
git clone https://github.com/Soham-Metha/virex.git
cd virex/
```
```

## 2. Build the project (requires **sudo**):

```
./install.sh
```

## 3. Run an example program:

```
cd ./examples/SASM/
virex
```

If the **TUI doesn't render properly**, try adjusting your **terminal font size**.

If that doesn't help, you can tweak layout values in **src/VM/vm\_tui.c::CreateWindows()**.  
The constants used are defined as **percentages** of the screen dimensions.

P.S. **kitty terminal** config, and font used, are available in **/tools**

## 4. Inside VIREX, do the following:

- Select **"Run SASM/ORIN command with custom flags"**
- Enter the following command:

```
-i helloWorld.sasm -I ./ -o tmp.sm
```

 use **Arrow keys** for navigation in menu.

- Select **"SASM build and exec"** by pressing 'a'
- Enter the output filename (**tmp.sm**)

## 5. Activate the syntax highlighter in VS Code

- Open VS Code
- Press **Ctrl + Shift + P**

- Type: `Preferences: Color Theme`
- Select: `Palenight+sasm`



Open any `.sasm` file in vs code to see the syntax highlighter at work!

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