

# Getting Started (LINUX)

## 1. Clone this repo:

```
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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