

??? info "bash commands"

```
```bash
linenums="1" hl_lines="1 5 8"
# 1. CLONING
git clone https://github.com/Soham-Metha/virex.git
cd virex/

# 2. BUILD (sudo)
./install.sh

# 3. RUN VIREX (in the sample programs DIR)
cd ./examples/SASM/
virex
```
```

1. **Clone this repo**

2. **Build the project (requires `sudo`)**

3. **Run an example program:**

??? question "UI doesn't render properly"

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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