

CC65

```
1 !sudo apt-get update -y
2 !sudo apt-get install -y cc65
```

```
1 !which cc65
```

```
    /usr/bin/cc65
```

```
1 !rm -rf 6502-computer
2 !git clone https://github.com/mike42/6502-computer.git
```

```
Cloning into '6502-computer'...
remote: Enumerating objects: 251, done.
remote: Counting objects: 100% (251/251), done.
remote: Compressing objects: 100% (155/155), done.
remote: Total 251 (delta 107), reused 224 (delta 87), pack-reused 0
Receiving objects: 100% (251/251), 942.47 KiB | 13.86 MiB/s, done.
Resolving deltas: 100% (107/107), done.
```

```
1 !cd 6502-computer/rom/basic; make
```

```
    /usr/bin/ca65 --cpu 65C02 --feature labels_without_colons min_mon.s
    /usr/bin/ld65 -o basic.bin \
        -C basic.cfg \
        min_mon.o
```

```
1 !pip install intelhex
```

```
Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
Collecting intelhex
  Downloading intelhex-2.3.0-py2.py3-none-any.whl (50 kB)
    |████████████████████| 50 kB 3.0 MB/s
Installing collected packages: intelhex
Successfully installed intelhex-2.3.0
```

Use <https://raw.githubusercontent.com/python-intelhex/intelhex/master/intelhex/scripts/bin2hex.py>

```
1 !cd 6502-computer/rom/basic; python bin2hex.py --offset 0xC000 basic.bin basic.hex
```

```
1 !cd 6502-computer/rom/basic; ls -la
```

[Colab paid products](#) - [Cancel contracts here](#)

✓ 0s completed at 8:16 PM

