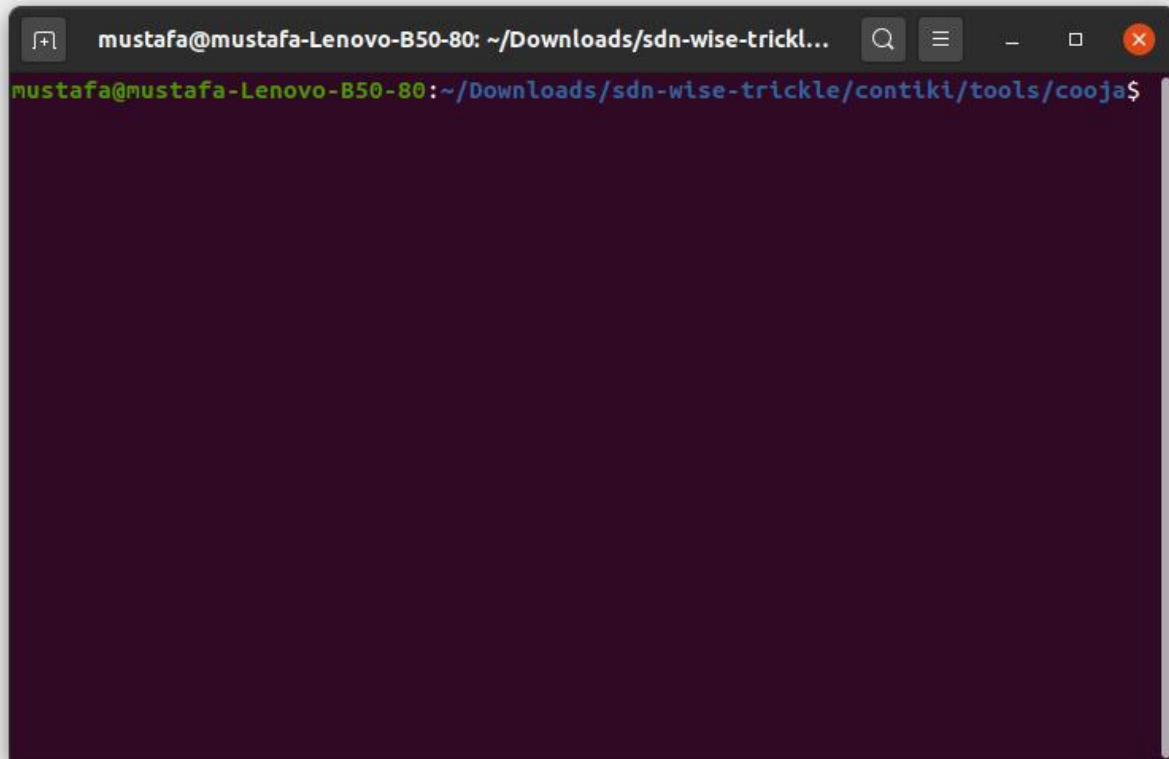


**Name: Muhammad Mustafa Manga**

**Roll no: K173795**

**Assignment # 1 ISS**

A terminal window with a dark purple background. The title bar shows the user 'mustafa' on a machine named 'mustafa-Lenovo-B50-80', with the current directory being '~/.Downloads/sdn-wise-trickl...'. The terminal prompt is 'mustafa@mustafa-Lenovo-B50-80: ~/.Downloads/sdn-wise-trickle/contiki/tools/cooja\$'.

```
mustafa@mustafa-Lenovo-B50-80: ~/.Downloads/sdn-wise-trickl...
mustafa@mustafa-Lenovo-B50-80: ~/.Downloads/sdn-wise-trickle/contiki/tools/cooja$
```

Ubuntu Installed

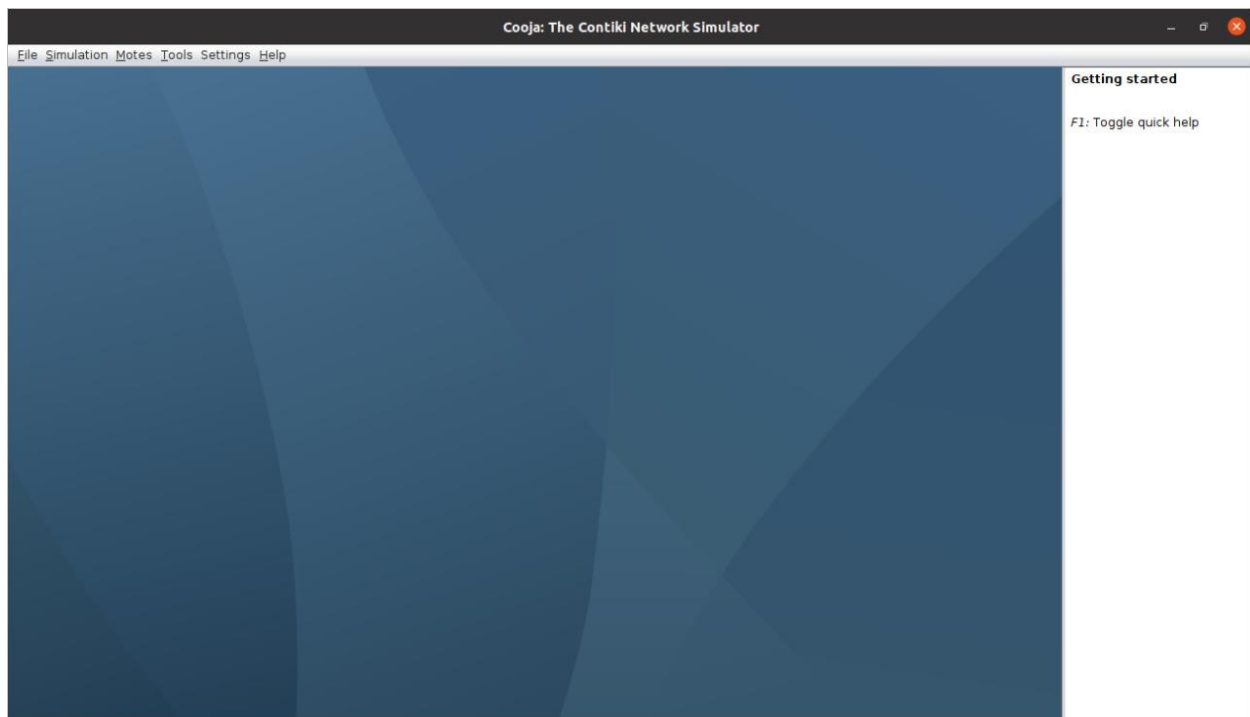
```
mustafa@mustafa-Lenovo-B50-80: ~/Downloads/sdn-wise-trickl...
clean:
[delete] Deleting directory /home/mustafa/Downloads/sdn-wise-trickle/contiki/
tools/cooja/apps/powertracker/build

compile:
[mkdir] Created dir: /home/mustafa/Downloads/sdn-wise-trickle/contiki/tools/
cooja/apps/powertracker/build
[javac] Compiling 1 source file to /home/mustafa/Downloads/sdn-wise-trickle/
contiki/tools/cooja/apps/powertracker/build

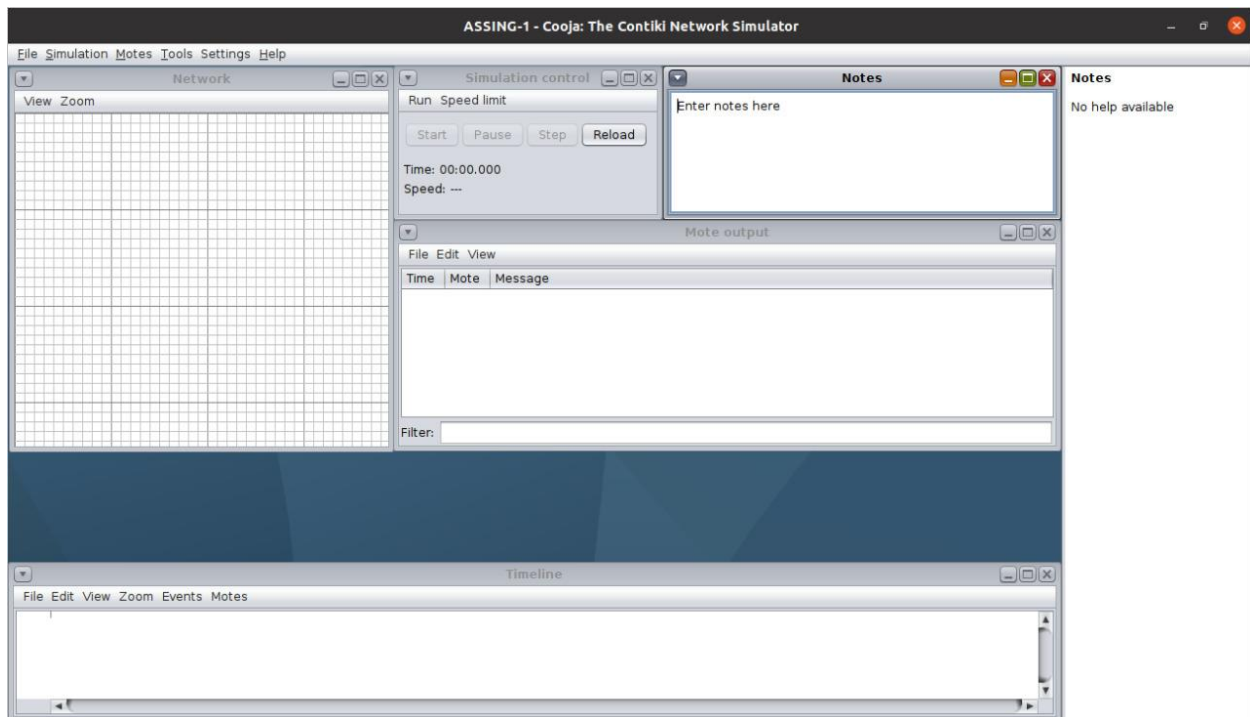
jar:
[jar] Building jar: /home/mustafa/Downloads/sdn-wise-trickle/contiki/tools
/cooja/apps/powertracker/lib/powertracker.jar

run:
[java] WARN [main] (Cooja.java:3179) - JAVA_HOME environment variable not
set, Cooja notes may not compile
[java] INFO [AWT-EventQueue-1] (Cooja.java:2864) - External tools default
settings: /external_tools_linux_64.config
[java] WARN [AWT-EventQueue-1] (Cooja.java:2896) - Error when reading user
settings from: /home/mustafa/.cooja.user.properties
[java] INFO [AWT-EventQueue-1] (Cooja.java:1587) - Loaded plugin class: cl
ass org.contikios.cooja.plugins.SDNWISE
```

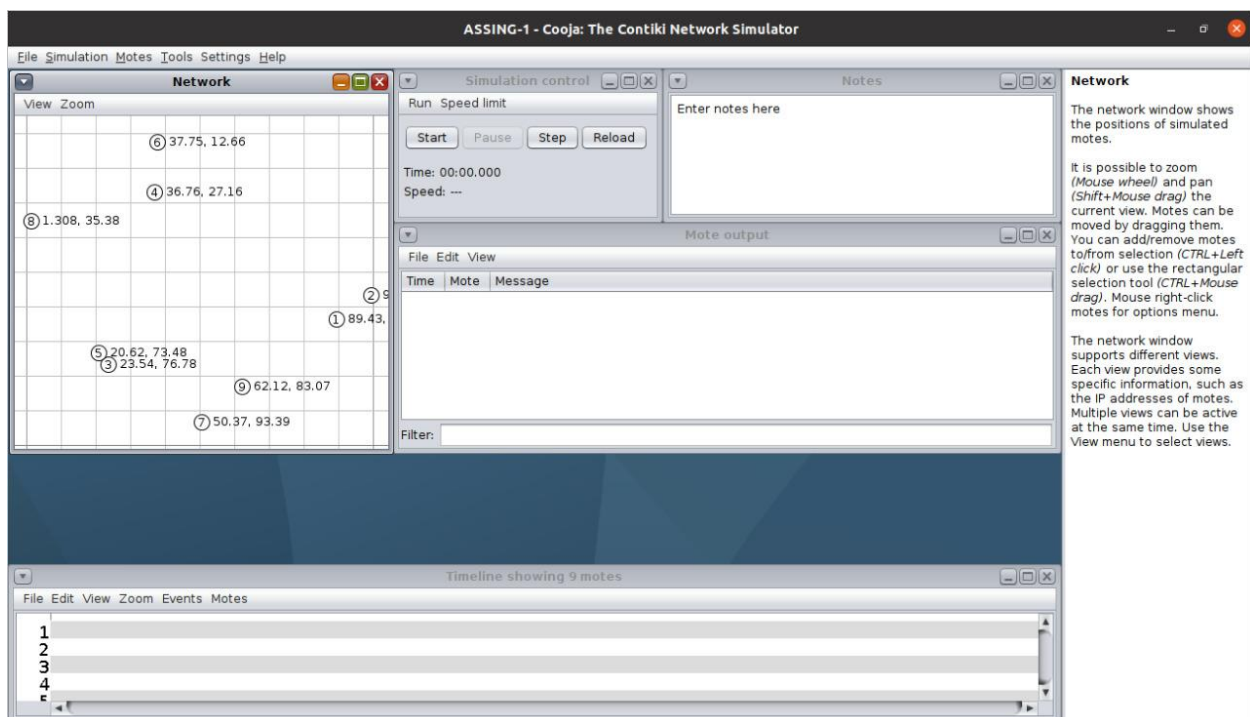
Run Cooja using command ant run



Cooja Controller Start



## Create File



## Add Z-Motes

