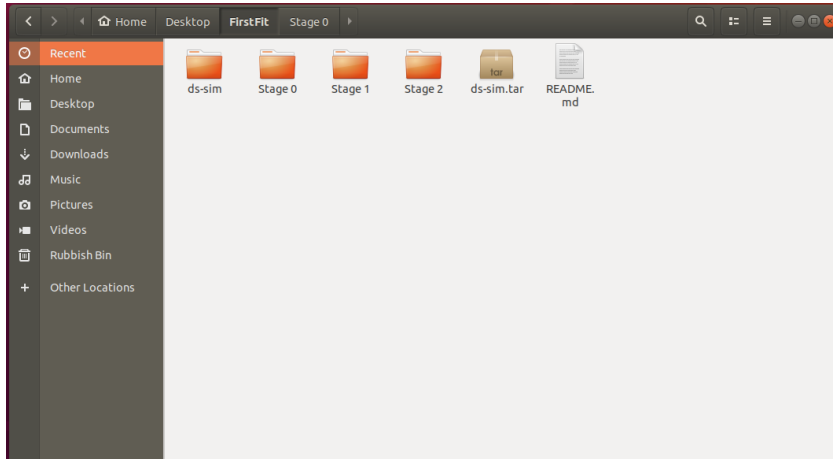# Detailed demo instructions

User manual:

1. Install java and add it's address to the system path variable.
2. Download and extract the project files
3. Use CD command to change the directory that containing all the java files.

4. Unzip and change the directory to the 'ds-sim' folder which contains all the simulation files.
5. Run "make" command to build the simulator.
6. You will have two files ds-server and ds-client. To make them executable use the commands below:
   a) **chmod +x <ds-server>**
   b) **chmod +x <ds-client>**
7. You have both server-side and client-side files ready. To run the simulator, open two terminals.
   a) Run the server-side simulation
      ./ds-server -c ds-config1.xml -v all
   b) Then, for the other terminal, go to stage 2 folder and run the client-side with the command: **java Stage2FF**
   c) For testing, change the directory to stage 2 folder, and run the command:
      ./tests1.sh Stage1.class