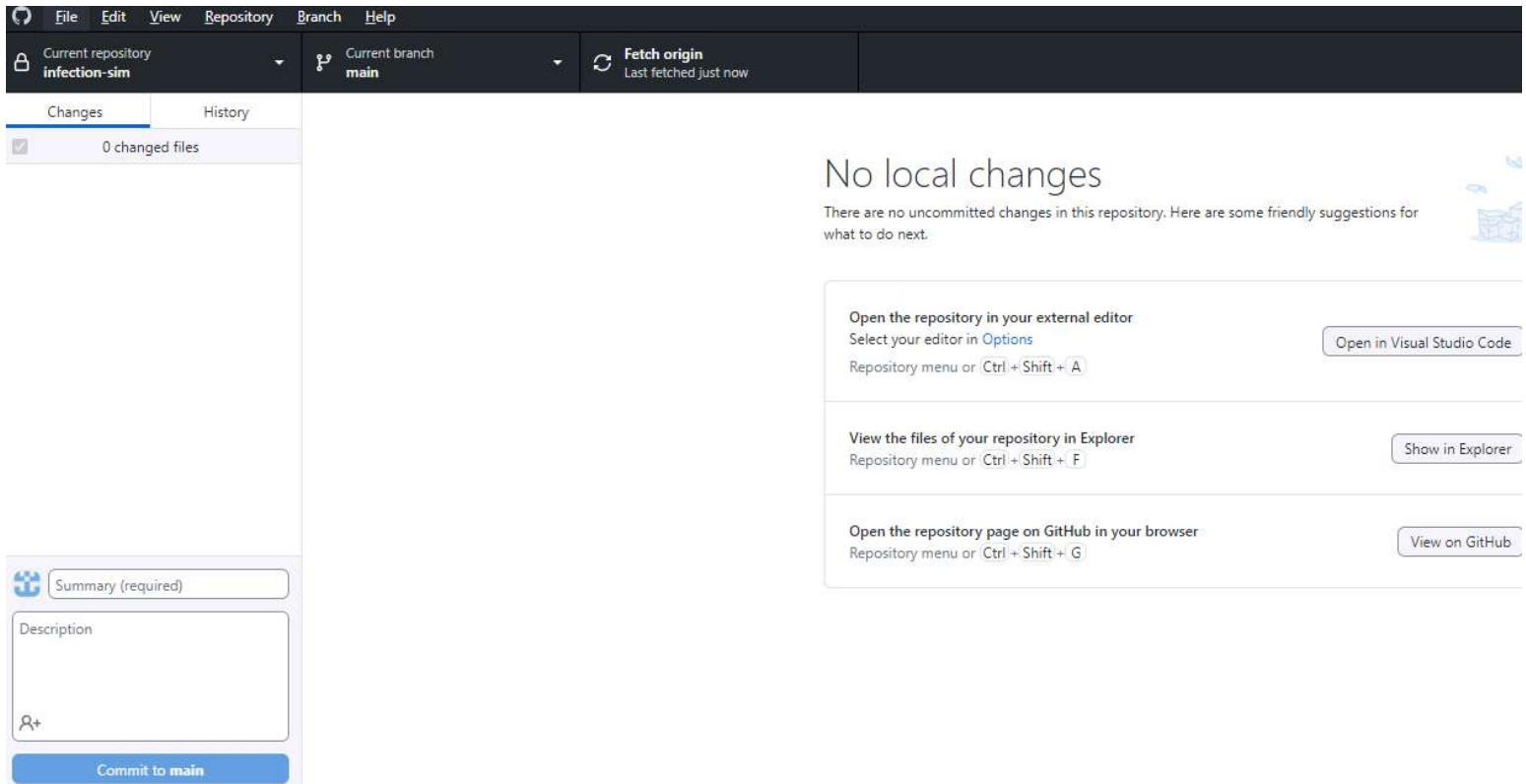
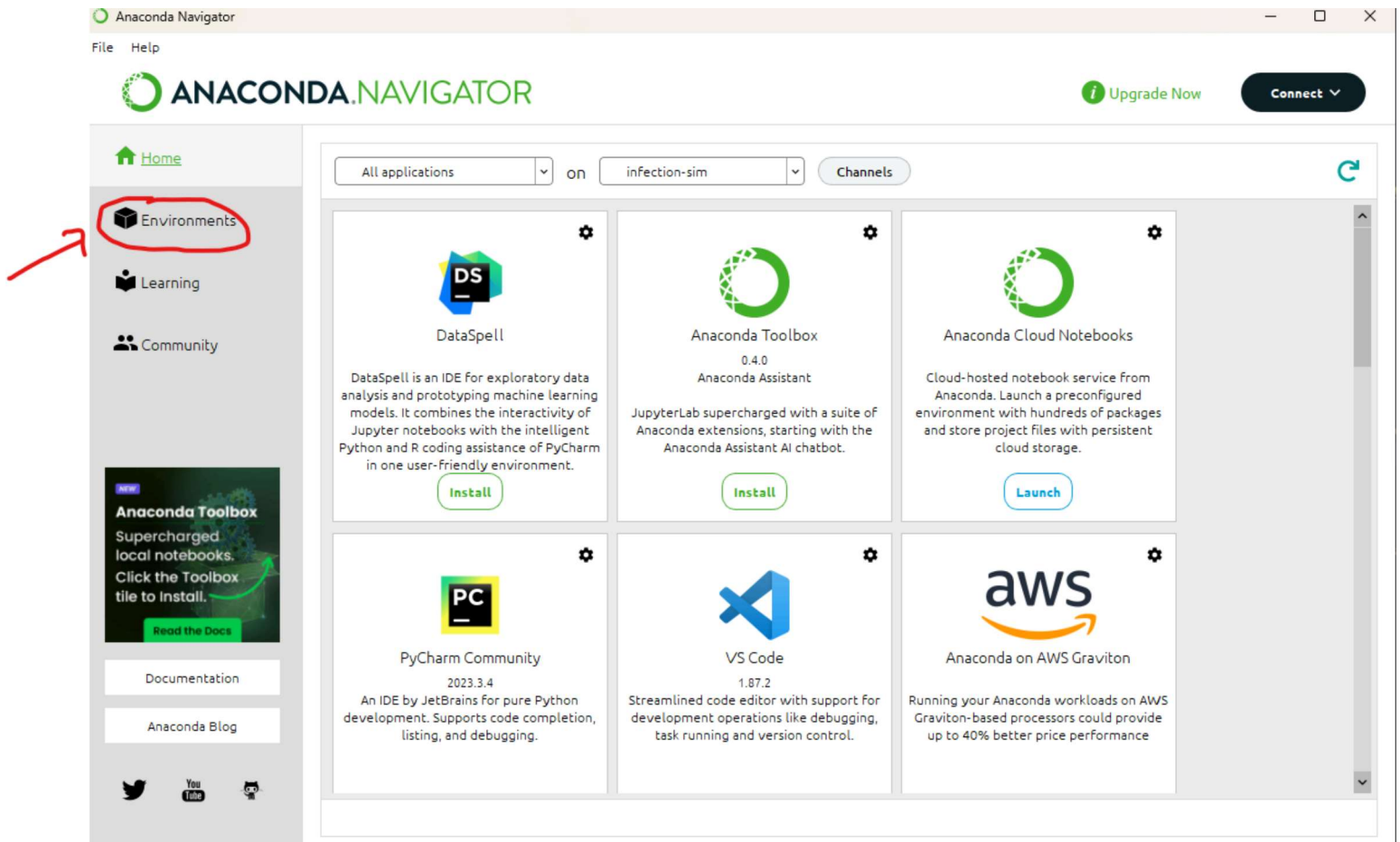


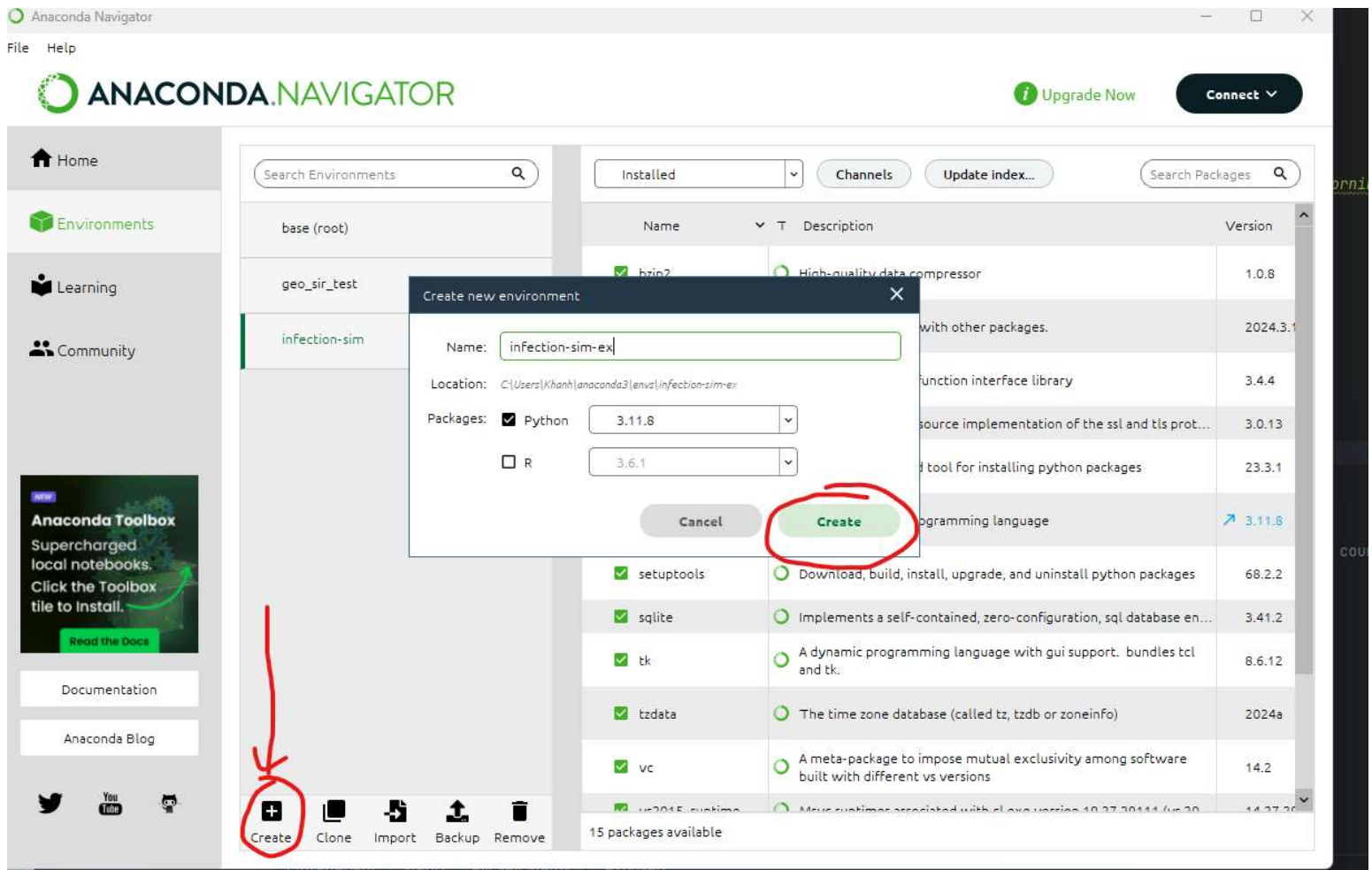
Clone Repository



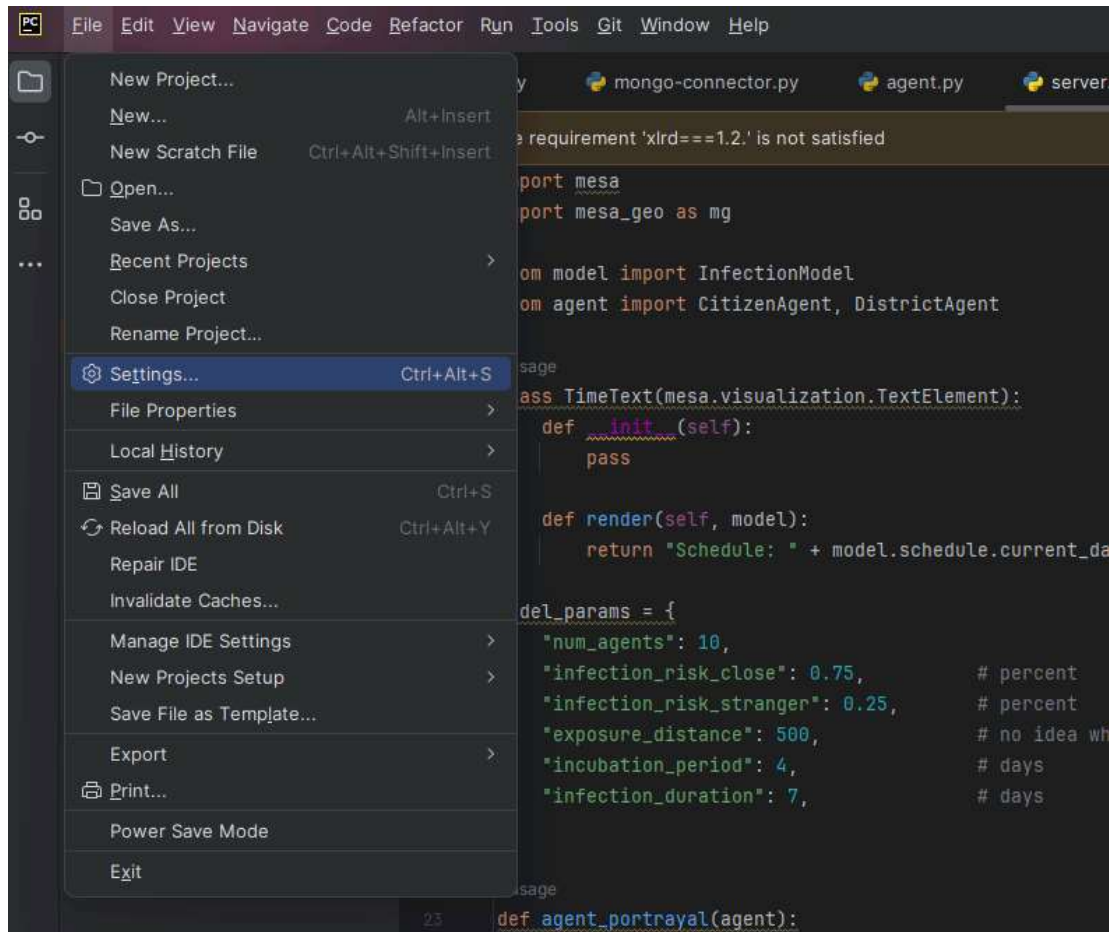
Install Anaconda and make virtual environment

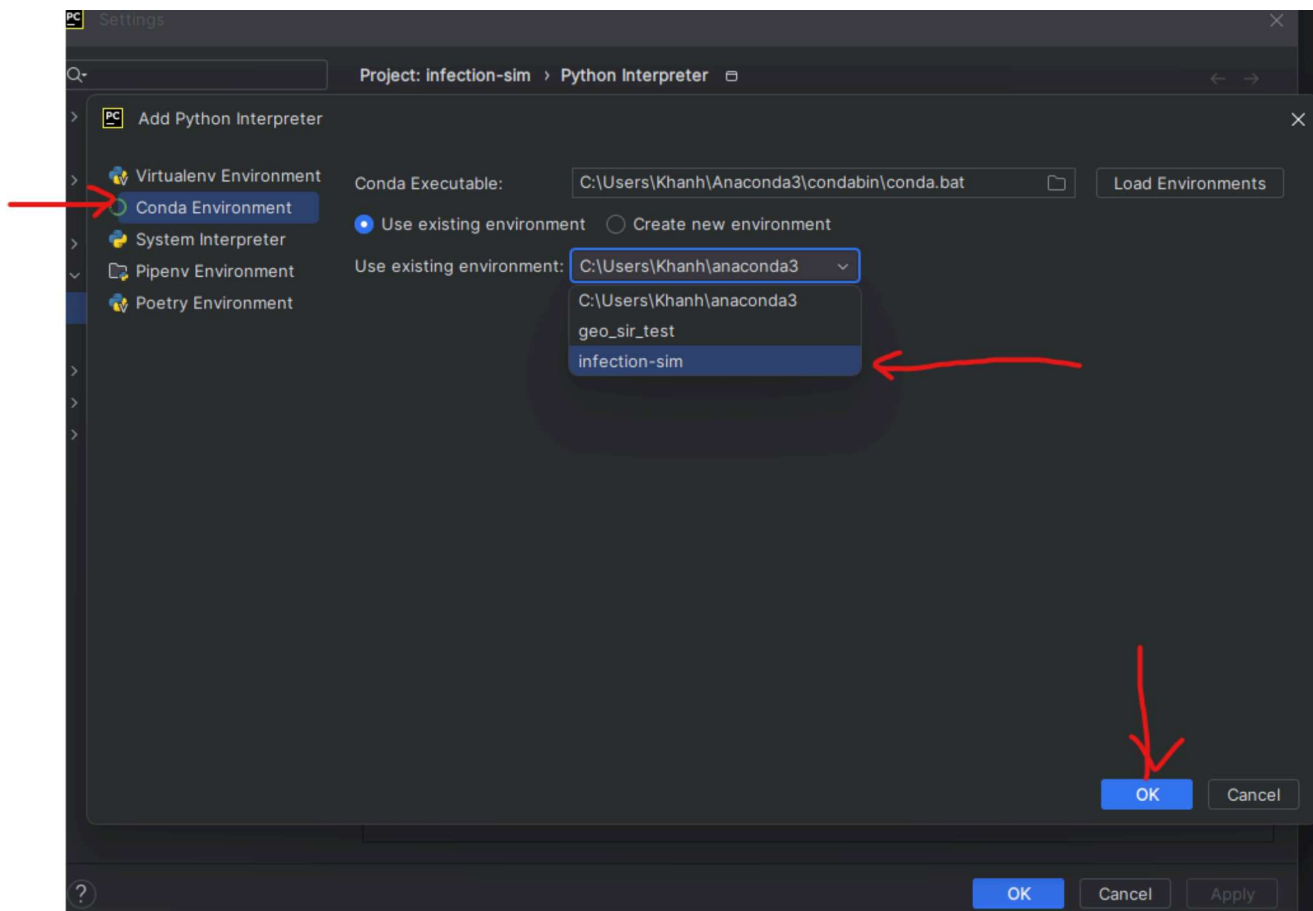
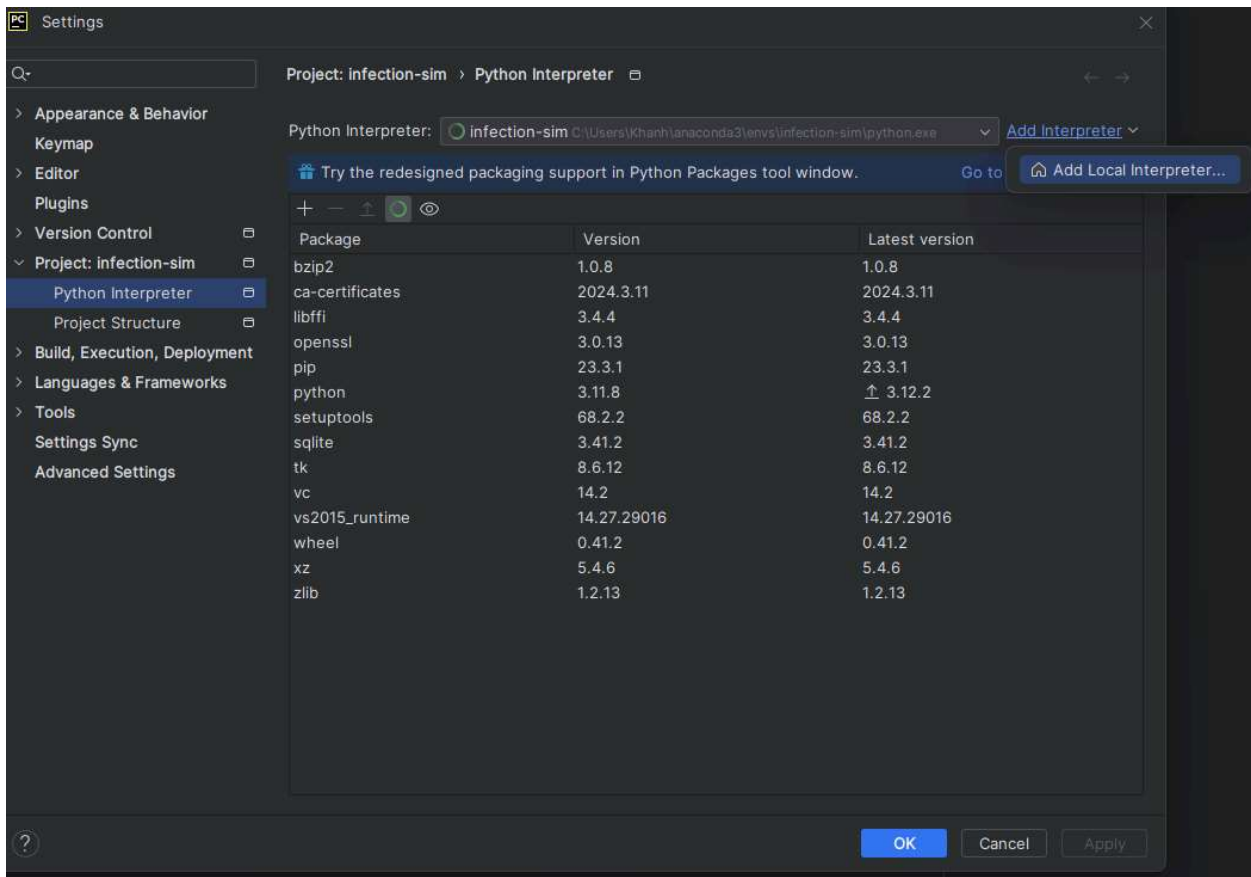
<https://www.anaconda.com/download>





On PyCharm, add the virtual env as local interpreter





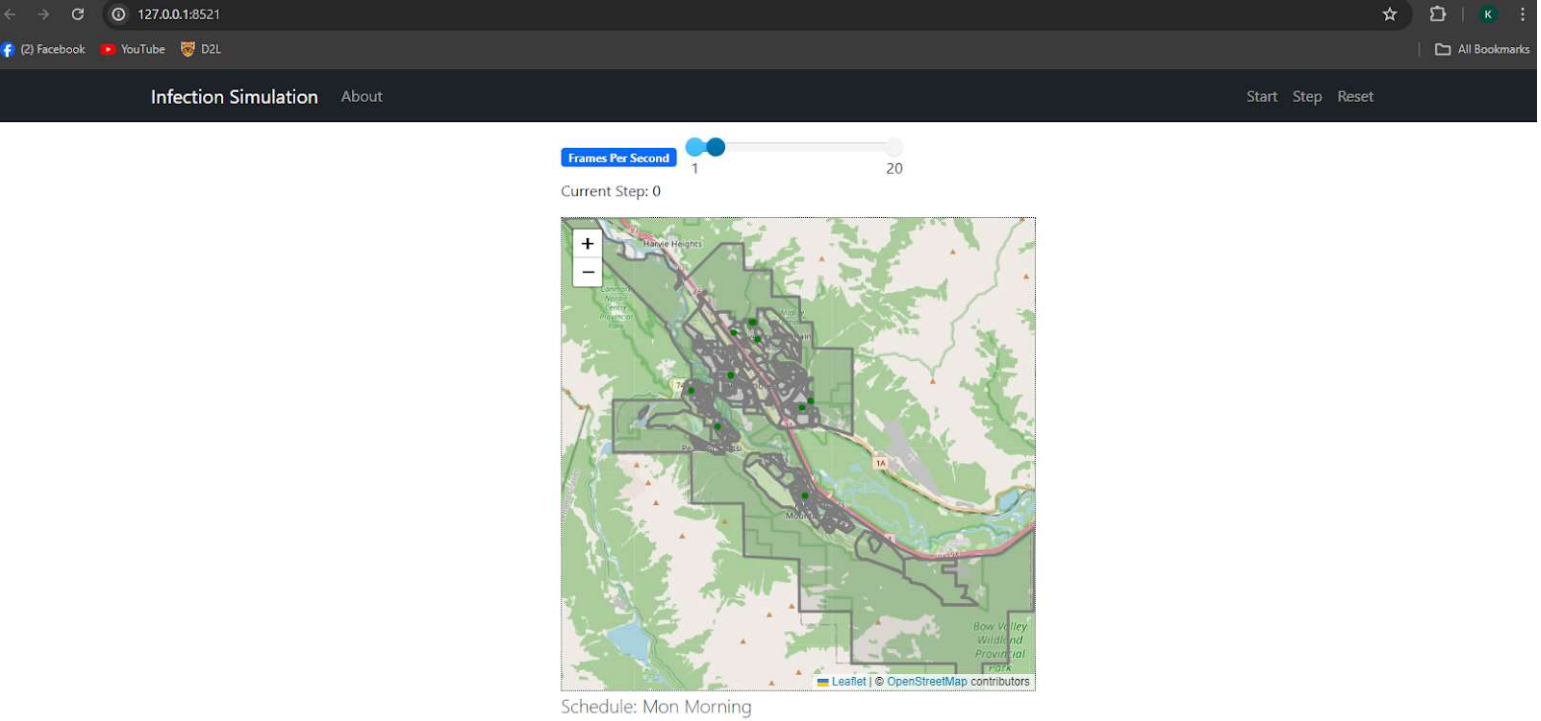
Install requirements.txt

```
40 map_element = mg.visualization.MapModule(agent_portrayal)
41
42 server = mesa.visualization.ModularServer(

Terminal Local x + v
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim> pip install -r requirements.txt
```

Run server

```
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim>
(infection-sim) PS C:\Users\Khanh\Documents\GitHub\infection-sim> mesa runserver
```



The files that the simulation is in: agent.py, model.py, and server.py.

The file for database/mongo stuff: mongo-connector.py