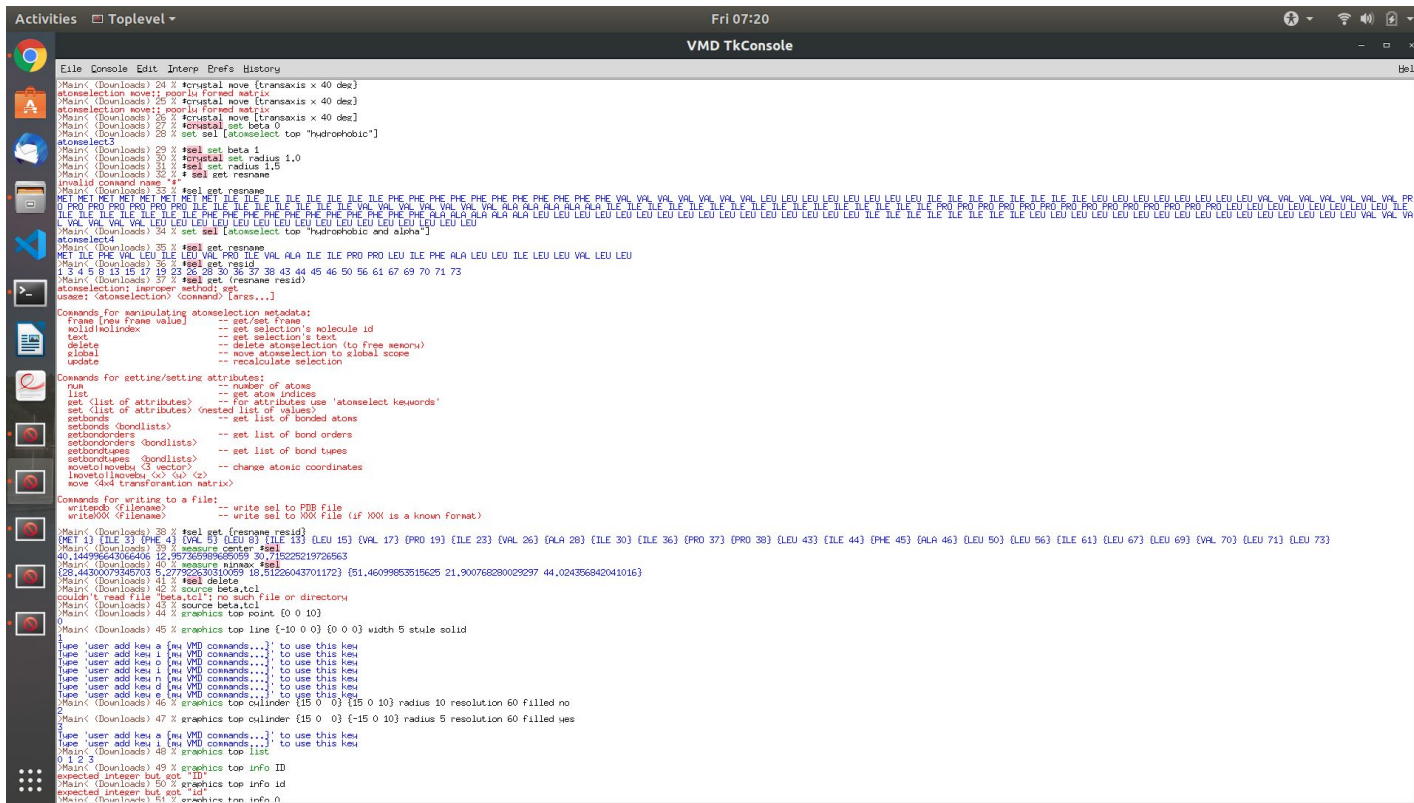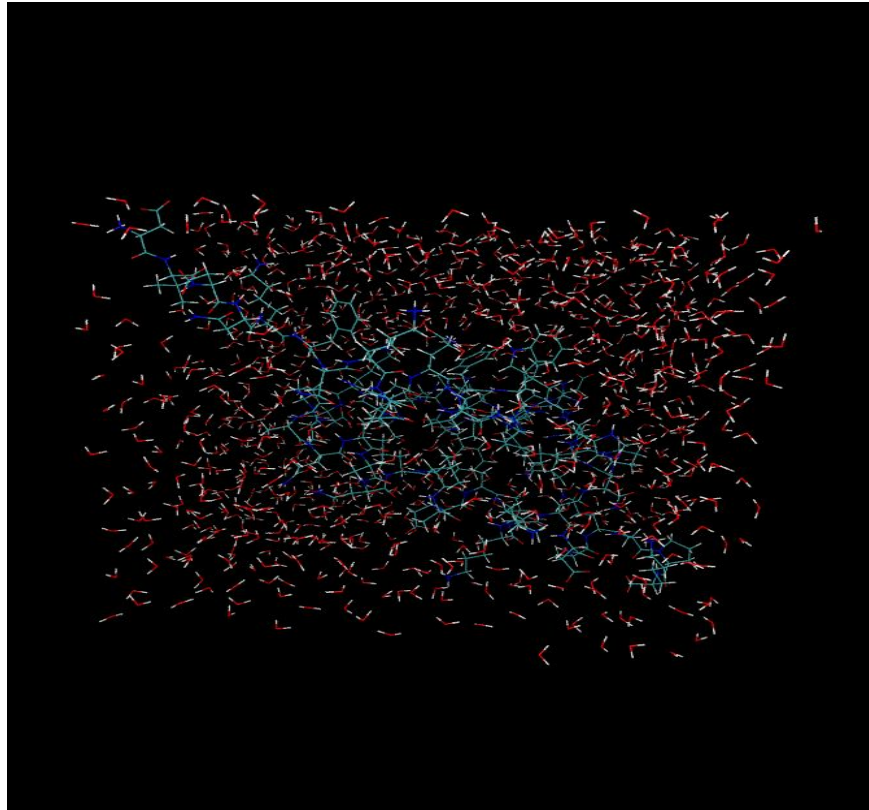# Progress so far

- **Went through a journal to understand some basic steps and terminologies to perform a simulation.**

- **Setup NAMD and VMD and went through their respective tutorials.**

- **Explored the msi2namd tool.**

Read VMD tutorial related to TCL scripting

Performed SMD for SpA protein in water box

Progress so far

- There were a few papers that we were asked to read but were unable to access.

  https://iopscience.iop.org/article/10.1088/1748-6041/10/3/032001/meta

  And

  https://advances.sciencemag.org/content/2/11/e1600998

- Was asked to recreate the simulation environment by reading the following : https://www.researchgate.net/publication/346428290_Adhesin_Protein_Interaction_of_Staphylococcus_Aureus_Bacteria_with_Various_Biomaterial_Surfaces but couldn't do it as I wasn't able to access the full paper.

THANK YOU