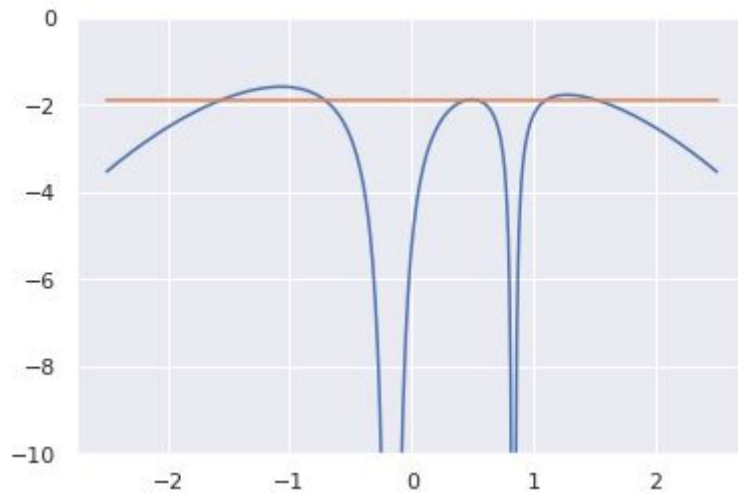


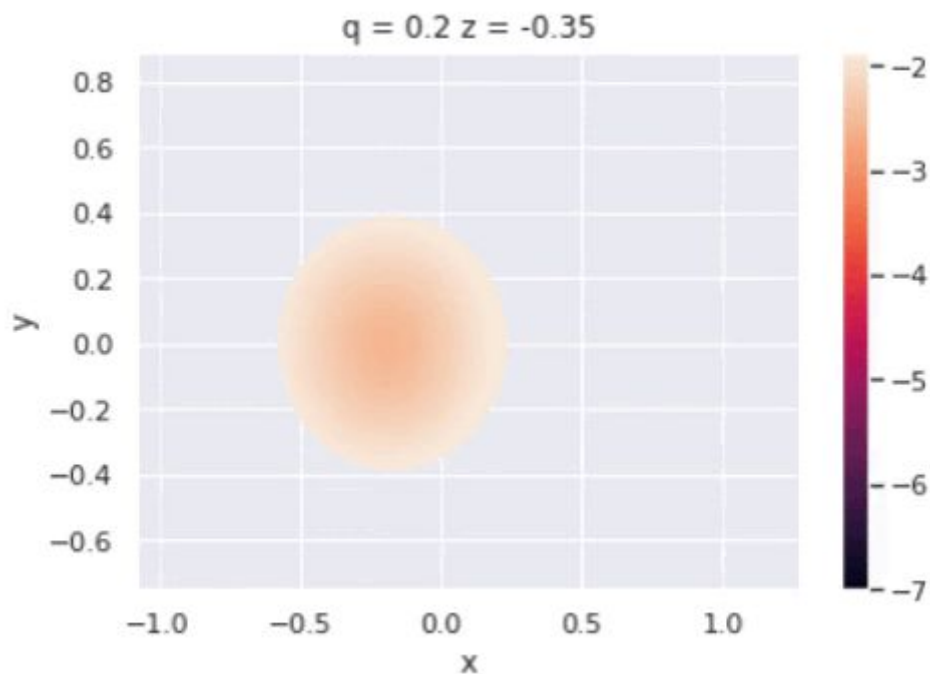
WEEK-4 REPORT

SIMULATION TEAM, COSMIC QUARKS

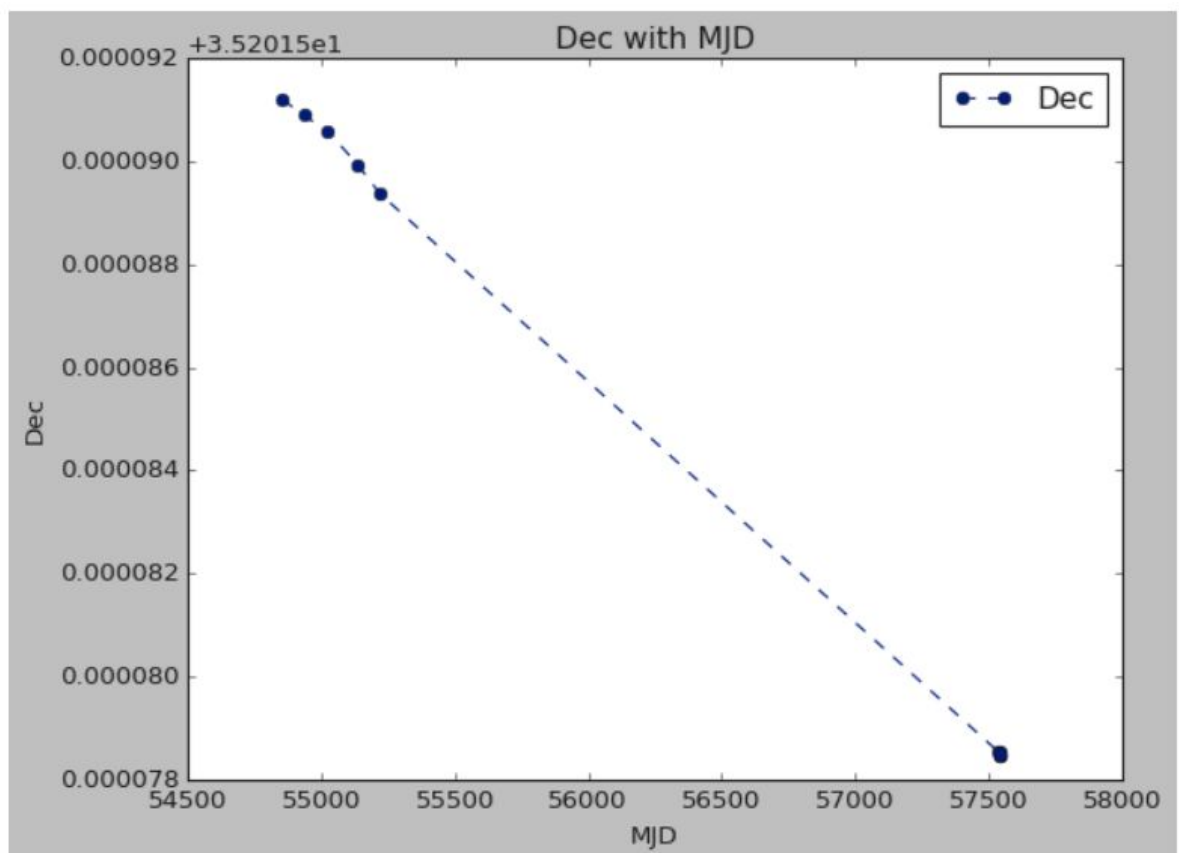
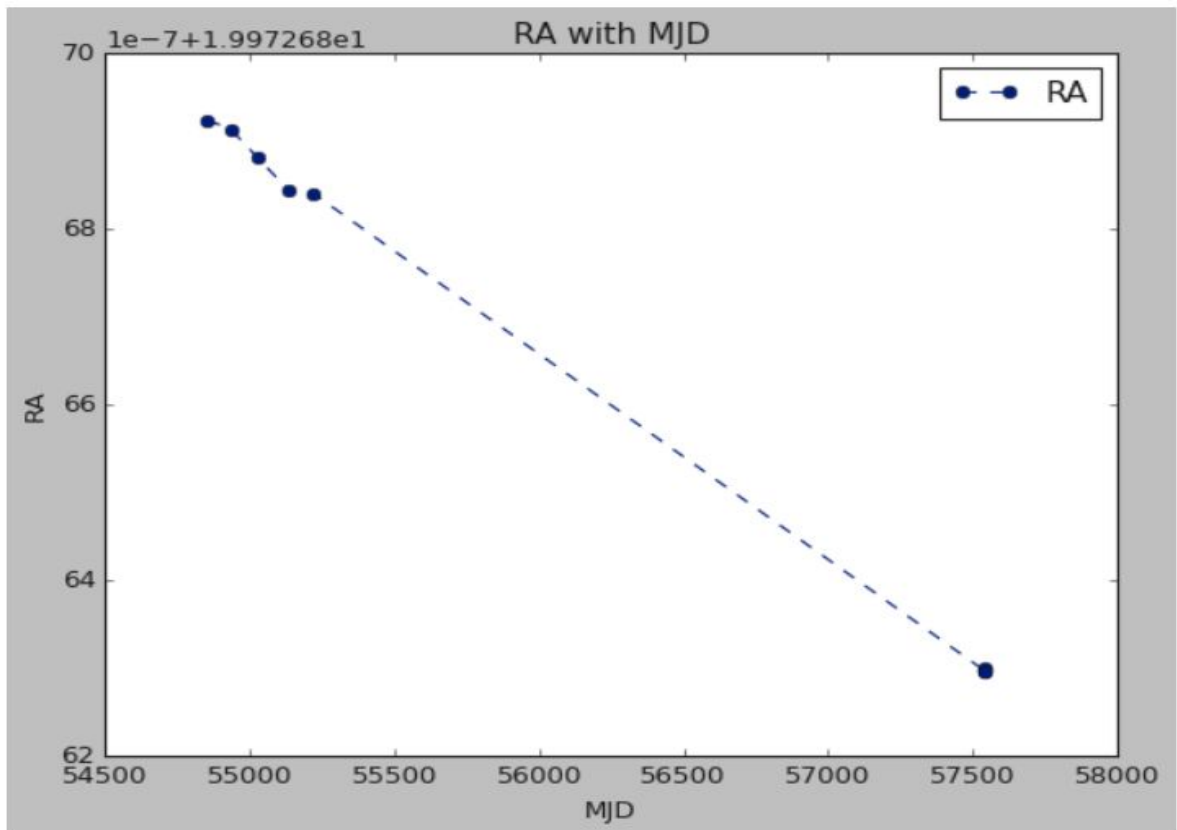
- Plotted the Roche Lobe for a binary system.
 - Plotted the Potential vs Distance graph for the system (not yet considered the angular momentum but working on it)



- Checked the ratio at which the respective lobes start to overlap for mass flow.
- Tried different values of q and z and plotted them accordingly.



- Basic EDA on a parallax dataset like RA with MJD, Declination with MJD etc.



- Just started working on some basic aspects for the website and the content.