Homework Assignment 6

ASTR4201, Fall 2020

Corresponds to Chapter 6 of "To Build a Star" (TBS) by E.F. Brown

estimate its radius to be and why?

1. TBS exercise 6.1	Team: 3	Lead: Harshil
2. TBS exercise 6.2	Team: 4	Lead: Gula
3. TBS exercise 6.3	Team: 2	Lead: Michael
4. TBS exercise 6.4	Team: 3	Lead: Ryan
5. TBS exercise 6.5	Team: 5	Lead: Robert
6. TBS exercise 6.6	Team: 1	Lead: Anthony
7. TBS exercise 6.7	Team: 2	Lead: Sam
8. TBS exercise 6.8	Team: 4	Lead: Jacob
9. TBS exercise 6.9	Team: 5	Lead: Justin
10. TBS exercise 6.10	Team: 2	Lead: Quinn
11. TBS exercise 6.11	Team: 3	Lead: Josh
12. TBS exercise 6.12	Team: 1	Lead: Gavin
13. <i>See below</i> Team: 1 Lead: Brit Sirius, the brightest star in the night sky, is actually a double star system consisting of a main sequence star (Sirius A) and a white dwarf companion (Sirius B). The mass of Sirius A is quite well known, e.g. from Kepler's laws, to be ~2 solar masses. What would you		