**Astronomy Assignment**

The stars of that we see in the night sky often live long and interesting lives. But just like all things that live stars to must die; and just like all thing that die all stars leave a corpse. In this assignment you will discuss one of these “stellar corpses” or the violent death which results in these corpses. These stellar corpses are usually classified as white dwarfs/black dwarfs, neutron stars, pulsars or black holes. Often times these corpses are the results of a particularly violent death known as a supernova. In your assignment you must answer the following questions. :

1. Explain the physical characteristics of your stellar object. Specifically size(diameter) mass, density, luminosity and gravitational pull? Or Explain the magnitude and nature of the supernova.
2. How did your type of corpse form? Or Why do supernova occur?
3. When did scientist first discover your phenomena?
4. How and why do astronomers study your phenomena
5. Provide at least 2 photos or illustrations of your phenomena with explainations of each