Exercise F6: The Hertzsprung-Russell Diagram

Check the box with the correct answer.

Question 1: Which of the following stars is a red giant (usually class K or M)?

- a. Nunki
- b. Rasalhague
- c. Shaula
- d. Yed Prior

Question 2: Which of the following stars is not a main sequence star?

- a. Antares
- b. Nunki
- c. Rasalhague
- d. Altair

Question 3: Which properties best describe the star Antares?

- a. blue and bright
- b. red and bright
- c. blue and faint
- d. red and faint

Question 4: Which of the following stars is a class K star with an absolute magnitude of about 5?

Hint: Use the search box on the right top side of the main window to locate each of these stars.

- a. 9 Sagittae
- b. HIP 97944
- c. HIP 87491
- d. Xi Serpentis