

#### Exercise 1 - Done

1. The visible light image is of a higher resolution than the radio image, but the radio image does show an object that can't be seen with visible light.
2. Star, Galaxy, No object found, Star
3. The third spectra has spikes that point upwards instead of downwards like the first two.

#### Exercise 2 - Done

#### Exercise 3 - Done

#### Exercise 4 - Done

#### Exercise 5 - Done

#### Research Questions:

- What is the trend in the color of poorly measured redshift quasars?
- Do certain quasars have more similar properties than others?