homework

- Use the Proteg´e editor to define an ontology for use by a travel
- agency covering the following:
- Hotel, restaurant, sports, luxury hotel, bed and breakfast, safari, activity, hiking, spa treatment, sunbathing, sightseeing, accommodation rating (three stars, etc.), campground, surfing.

  i. Build a class hierarchy and indicate which classes in it are primitive and which are definable.

  ii. Define the required relations, their properties, domains and ranges as well as individuals.

  iii. Define the following classes:

- 1. A two star hotel.
- 2. A spa resort (i.e., a destination offering a spa treatment).
- 3. A destination with sport activities but without safari.
- 4. A destination where all hotels have three star rating.
- 5. A destinations with at least three restaurants and at least four hotels.