DSE250 Beyond Relational Data Models
Homework 4

Turn in Monday, Dec 5, by email to TA `mbrevard@eng.ucsd.edu`

In this homework, we will explore DBPedia (the RDF-ized version of Wikipedia) with SparQL queries, to discover the following information. You can paste your queries into the Web form at `http://dbpedia.org/sparql.`

For each problem, the turn-in includes a file with

- the SparQL query (queries) you launched to extract the informaton (it is OK to skip the unavoidable exploratory queries, just go the the finished products);
- the English summary of what you found out.

1. *(20 pts)* Find everything about the country whose name is Afghanistan in language English ("everything" means all properties of the country).

2. *(15 pts)* Who is Barak Obama?

3. *(15 pts)* Where is Greece?

4. *(15 pts)* What is the capital of Nepal?

5. *(15 pts)* What is the area of work of Albert Einstein?

6. *(20 pts)* How is India related to "Indira Gandhi"? (no need to find all existing relationships, but find at least an interesting one)

Turn in 6 files, q1.sparql through q6.sparql, all attached to the same email.