

CO7216 Semantic Web

Surgery 4

Exercise – SPARQL

Given the RDFS/RDF on page 29, 30 and 31, write a SPARQL query to answer each of the questions below:

1. What is the email address (if any) of the lecturer who teaches CO7216?
2. List all students who is being taught by L2
3. List any student who are younger than 30 (order by age ASC)
4. Count the number of modules taught by each Lecturer
5. List all individuals who are instances of Person's subclasses
6. List all properties and property values Student s1 have.
7. List the number of person enrolled in each module taught by L1

SPARQL query template

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .  
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>  
PREFIX uol: <http://www.cs.le.ac.uk/rdf#>  
SELECT{  
...  
}
```