


LAB10

LAB1

Snap SPARQL Query: 

```
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX cat: <https://www.cat.com#>

SELECT *
WHERE {
  cat:Ketty rdf:type ?class
}
```


Execute

?class
cat:Cat
cat:Mammal
owl:Thing

3 results

LAB2

DavidLee

Snap SPARQL Query: 

```
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX uni: <https://www.university.com#>


SELECT *
WHERE {
  uni:DavidLee rdf:type ?class
}
```

Execute

?class
uni:AcademicStaff
owl:Thing

2 results

Maths

Snap SPARQL Query: 

```
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX uni: <https://www.university.com#>


SELECT *
WHERE {
  uni:Maths rdfs:type ?class
}
```

Execute

?class
uni:Subject
owl:Thing

2 results

LAB3

Snap SPARQL Query: 


```
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX ani: <https://www.animal.com#>

SELECT *
WHERE{
  ani:Dog rdfs:subClassOf ?class
}
```

Execute

?class
ani:Animal
ani:Mammal
ani:Dog
owl:Thing

4 results

Snap SPARQL Query: 

```

PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX ani: <https://www.animal.com#>

SELECT *
WHERE{
  ani:Lucky rdf:type ?class
}


```

Execute

?class
ani:Animal
ani:Mammal
ani:Dog
owl:Thing

4 results

LAB4

Snap SPARQL Query: 

```

PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX per: <https://www.person.com#>

SELECT *
WHERE{
  per:Sue per:hasAncestor ?class
}


```

Execute

?class
per:Mary
per:Anne

2 results

LAB5

Snap SPARQL Query: 


```
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX per: <https://www.person.com#>

SELECT *
WHERE{
  per:Mary per:marriedWith ?class
}
```

?class
per:Adam

1 results

LAB6


Snap SPARQL Query: 

```
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX uni: <https://www.university.com#>

SELECT *
WHERE{
  uni:Mary uni:teaches ?class
}
```

?class
uni:CS0001

1 results

Snap SPARQL Query: 

```

PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX uni: <https://www.university.com#>

SELECT *
WHERE{
  uni:CS0001 uni:taughtBy ?class
}


```

Execute

?class
uni:Mary

1 results

LAB7

Snap SPARQL Query: 

```

PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX ani: <https://www.animal.com#>

SELECT *
WHERE{
  ani:Plant owl:disjointWith ?class
}

```

Execute

?class
ani:Animal
ani:Mammal
owl:Nothing

3 results

LAB8

Snap SPARQL Query: ⏏ ⏏ ⏏ ⏏

```

PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX uni: <https://www.university.com#>

SELECT *
WHERE{
  uni:45799967 uni:name ?class
}

```

Execute

?class
William John^^rdfs:Literal

1 results

Snap SPARQL Query: ⏏ ⏏ ⏏ ⏏

```

PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX uni: <https://www.university.com#>


SELECT *
WHERE{
  uni:45799967 rdf:type ?class
}

```

Execute

?class
uni:UnderGraduateStudent
uni:Student
owl:Thing

3 results

Snap SPARQL Query: 

```

PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX uni: <https://www.university.com#>

SELECT *
WHERE{
  uni:45799967 uni:hasDegree ?class
}

```

Execute

?class
uni:Bachelor

1 results

Snap SPARQL Query: 

```

PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX uni: <https://www.university.com#>


SELECT *
WHERE{
  uni:46002333 uni:name ?class
}

```

Execute

?class
Robert Lee ^{^^} rdfs:Literal

1 results

Snap SPARQL Query: 


```
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX uni: <https://www.university.com#>

SELECT *
WHERE{
  uni:46002333 rdf:type ?class
}
```

Execute

?class
uni:GraduateStudent
uni:Student
owl:Thing

3 results

Snap SPARQL Query: 


```
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX uni: <https://www.university.com#>

SELECT *
WHERE{
  uni:46002333 uni:hasDegree ?class
}
```

Execute

?class
uni:Master

1 results


Snap SPARQL Query: 

```
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX uni: <https://www.university.com#>

SELECT *
WHERE{
  ?Who rdf:type uni:UnderGraduateStudent
}
```

?Who
uni:45799967
uni:53433222
uni:56444554

3 results

Snap SPARQL Query: 


```
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX uni: <https://www.university.com#>

SELECT *
WHERE{
  ?Who rdf:type uni:GraduateStudent
}
```

?Who
uni:46002333
uni:57343331

2 results

LAB9


Snap SPARQL Query: 

```
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX per: <https://www.person.com#>

SELECT *
WHERE{
  ?Who rdf:type per:Woman
}
```

?Who
per:3432122333
per:3168812422

2 results

Snap SPARQL Query: 

```
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX per: <https://www.person.com#>

SELECT *
WHERE{
  ?Who rdf:type per:Man
}
```

?Who
per:3287789999

1 results