

Guião 5 – E.1

1)

```
PREFIX : <http://exemplo.aula9/>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

SELECT ?subclass
WHERE{?subclass rdfs:subClassOf+ :MotorVehicle.}
```

subclass
:PassengerVehicle
:Truck
:Van
:MiniVan

2)

SPARQL query:

```
PREFIX : <http://exemplo.aula9/>
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PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
CONSTRUCT{?suj a ?vehi}
WHERE{?subcl rdfs:subClassOf* :MotorVehicle.
      ?sujeito a ?subcl.
      BIND(?sujeito as ?suj)
      BIND(:MotorVehicle as ?vehi)
}
```

Subject	Predicate	Object
anaVehicle	rdf:type	MotorVehicle
pedroVan	rdf:type	MotorVehicle
ricardoT	rdf:type	MotorVehicle

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3)

```
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PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
```

```
SELECT (COUNT(?Vehicles) as ?numberOfVehicles)  
WHERE{  
  ?Vehicles a ?vehicle.  
  ?vehicle rdfs:subClassOf* :MotorVehicle.}
```

numberOfVehicles

"3"^^<http://www.w3.org/2001/XMLSchema#integer>
