UNIVERSITY OF SARGODHA
PATHWAY TO PROGRESS

Web Ontology Project: General Election in Pakistan Ontology

(SPARQL Queries)

Submitted to:

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BS Software Engineering 6th Semester

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#1: Count General NA Seats

Answer to: 15. What is total number of seats in Parliament-National Assembly?

PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>

PREFIX owl: <http://www.w3.org/2002/07/owl#>

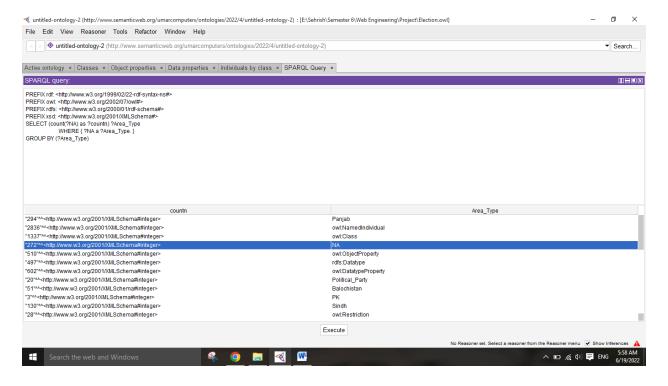PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>

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

SELECT (count(?NA) as ?countn) ?Area_Type

WHERE

{ ?NA a ?Area_Type. }

GROUP BY (?Area_Type)

#2:Count all Area_Types, NA, PA Individuals and Properties

Answer to:

15. What is total number of seats in Parliament? & 16. How many reserved seats in Parliament?

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 (count(?PA) as ?countp) (count(?NA) as ?countn)?Area_Type

WHERE

{

?PA a ?Area_Type.

?NA a ?Area_Type.

}

GROUP BY (?Area_Type)

ORDER BY (?NA)

#3: #1: Count General and Reserved Provinces Seats

Answer to: 15. What is total number of seats in Parliament-Provincial Assembly?

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 (count(?Balochistan) as ?countB) ?PA

     WHERE

{

?Balochistan a ?PA.

}

GROUP BY (?PA)