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

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

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

PREFIX table: <http://www.semanticweb.org/mohamedatta/ontologies/2021/11/untitled-ontology-35#>

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

SELECT ?cityname ?stopid ?total

WHERE {

?city table:CityLat ?citylat.

?city table:CityLong ?citylon.

?city table:CityName ?cityname.

?stop table:stop\_id ?stopid.

?stop table:stop\_lat ?stoplat.

?stop table:stop\_lon ?stoplon.

BIND (xsd:double(?stoplat) - xsd:double(?citylat) AS ?diff).

BIND (xsd:double(?stoplon) - xsd:double(?citylon) AS ?diff2).

BIND (xsd:double(?diff) \* xsd:double(?diff) AS ?difff).

BIND (xsd:double(?diff2) \* xsd:double(?diff2) AS ?difff2).

BIND (xsd:double(?difff2) + xsd:double(?difff) AS ?total).

FILTER regex(?stopid, "StopArea:OCE80142893").

}

ORDER BY ASC (?total)

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SELECT ?stopPointsid1

WHERE {

?city1 table:CityName ?cityname1.

?city1 table:hasStopArea ?stoparea1.

?stoparea1 table:hasStopPoints ?stopPoints1.

?stopPoints1 table:To/table:To/table:stop\_id ?stopPointsid1.

?city2 table:CityName ?cityname2.

?city2 table:hasStopArea ?stoparea2.

?stoparea2 table:hasStopPoints ?stopPoints2.

?stopPoints2 table:stop\_id ?stopPointsid2.

FILTER(?cityname1 = "Belfort").

FILTER(?cityname2 = "Paris").

FILTER(?stopPointsid1 = ?stopPointsid2).

}

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SELECT ?city ?name

WHERE{

?city1 table:hasStopPoints ?name1.

?city1 table:stop\_id ?city.

?name1 table:stop\_id ?name.

}