1. Translate the following natural language sentences into SPARQL.

   1) What are all the countries and their capitals in Africa?
   (given

   http://dbpedia.org/property/continent,
   http://dbpedia.org/resource/Africa,
   http://dbpedia.org/ontology/Country,
   http://dbpedia.org/ontology/capital)

   PREFIX dbpedia:<http://dbpedia.org/resource/>
   PREFIX dbpedia-pp:<http://dbpedia.org/property/>
   PREFIX dbpedia-owl:<http://dbpedia.org/ontology/>
   PREFIX rdf:<http://www.w3.org/1999/02/22-rdf-syntax-ns#>

   SELECT ?country ?capital
   WHERE{
       ?country   rdf:type   dbpedia-owl:Country;
                   dbpedia-pp:continent   dbpedia:Africa;
                   dbpedia-owl:capital   ?capital.
   }

   2) What are the devices whose manufacturers are in Korea or Japan?
   (given
   http://dbpedia.org/property/locationCountry,
   http://dbpedia.org/resource/Korea,
   http://dbpedia.org/resource/Japan,
   http://dbpedia.org/ontology/manufacturer,
   http://dbpedia.org/ontology/Device)

   PREFIX dbpedia:<http://dbpedia.org/resource/>
   PREFIX dbpedia-pp:<http://dbpedia.org/property/>
   PREFIX dbpedia-owl:<http://dbpedia.org/ontology/>
   PREFIX rdf:<http://www.w3.org/1999/02/22-rdf-syntax-ns#>

   SELECT ?device
   WHERE{
       ?device   rdf:type   dbpedia-owl:Device.
       ?device   dbpedia-owl:manufacturer   ?x.
       {?x   dbpedia-pp:locationCountry   dbpedia:Korea}
       UNION
       {?x   dbpedia-pp:locationCountry   dbpedia:Japan}
   }