1. List movies directed by Tim Burton and Johnny Depp.

SELECT ?film

WHERE{

?film <http://www.w3.org/1999/02/22-rdf-syntax-ns#type> <http://dbpedia.org/ontology/Film>.

?film <http://dbpedia.org/ontology/director> <http://dbpedia.org/resource/Tim\_Burton>.

?film <http://dbpedia.org/ontology/director> <http://dbpedia.org/resource/Johnny\_Depp>.

}

1. List movies that are directed by Tim Burton and starring actors who were born in Germany.

SELECT ?film ?actor

WHERE{

?film <http://www.w3.org/1999/02/22-rdf-syntax-ns#type> <http://dbpedia.org/ontology/Film>.

?film <http://dbpedia.org/ontology/director> <http://dbpedia.org/resource/Tim\_Burton>.

?film <http://dbpedia.org/ontology/starring> ?actor.

?actor <http://dbpedia.org/ontology/birthPlace> <http://dbpedia.org/resource/Germany>.

}

R1：[http://dbpedia.org/resource/](http://dbpedia.org/resource/Eva_Green)[Eva\_Green](http://dbpedia.org/resource/Eva_Green)

[http://dbpedia.org/resource/](http://dbpedia.org/resource/Dark_Shadows_(film))[Dark\_Shadows\_(film)](http://dbpedia.org/resource/Dark_Shadows_(film))

SELECT ?film ?actor

WHERE{

?film <http://www.w3.org/1999/02/22-rdf-syntax-ns#type> <http://dbpedia.org/ontology/Film>.

?film <http://dbpedia.org/ontology/director> <http://dbpedia.org/resource/Tim\_Burton>.

?film <http://dbpedia.org/ontology/starring> ?actor.

?actor <http://dbpedia.org/ontology/birthPlace> <http://dbpedia.org/resource/**France**>.

}

R1：<http://dbpedia.org/resource/Albert_Finney>

[http://dbpedia.org/resource/](http://dbpedia.org/resource/Big_Fish)[Big\_Fish](http://dbpedia.org/resource/Big_Fish)

SELECT ?film ?actor

WHERE{

?film <http://www.w3.org/1999/02/22-rdf-syntax-ns#type> <http://dbpedia.org/ontology/Film>.

?film <http://dbpedia.org/ontology/director> <http://dbpedia.org/resource/Tim\_Burton>.

?film <http://dbpedia.org/ontology/starring> ?actor.

?actor <http://dbpedia.org/ontology/birthPlace> <http://dbpedia.org/resource/**England**>.

}

1. Give me the country whose capital is Berlin and citizens speak the official language of France.

SELECT ?country ?language

WHERE{

?country <[http://www.w3.org/1999/02/22-rdf-syntax-ns#type](http://www.w3.org/1999/02/22-rdf-syntax-ns" \l "type)> <<http://dbpedia.org/ontology/Country>>.

?country <<http://dbpedia.org/ontology/capital>> <http://dbpedia.org/resource/Berlin>.

?country <<http://dbpedia.org/ontology/language>> ?language.

<http://dbpedia.org/resource/France> <<http://dbpedia.org/ontology/language>> ?language.

}

1. Give me the German author who wrote Harry Potter.

SELECT ?author

WHERE{

<http://dbpedia.org/resource/Harry\_Potter> <<http://dbpedia.org/property/author>> ?author.

?author <[http://dbpedia.org/ontology/](http://dbpedia.org/ontology/nationality)[nationality](http://dbpedia.org/ontology/nationality)> <http://dbpedia.org/resource/Germany>

}

1. Which electronics company produced iphone and were founded in the birthplace of the president of the United States?

SELECT ?company

WHERE{

?company <http://www.w3.org/1999/02/22-rdf-syntax-ns#type> <http://dbpedia.org/ontology/Company>.

?company <<http://dbpedia.org/ontology/industry>> <http://dbpedia.org/resource/Electronics>.

<http://dbpedia.org/resource/IPhone> <http://dbpedia.org/property/developer> ?company.

?company <<http://dbpedia.org/ontology/locationCity>> ?citly.

?president <<http://dbpedia.org/ontology/birthPlace>> ?city.

<http://dbpedia.org/resource/United\_States> <<http://dbpedia.org/ontology/leader>> ?president

}

1. Give me the German scientist who is the doctoral supervisor of Albert Einstein.

SELECT DISTINCT ?scientist

WHERE {

<http://dbpedia.org/resource/Albert\_Einstein> <http://dbpedia.org/ontology/doctoralAdvisor> ?scientist.

?scientist <[http://dbpedia.org/ontology/](http://dbpedia.org/ontology/nationality)[nationality](http://dbpedia.org/ontology/nationality)> <http://dbpedia.org/resource/Germany>.

?scientist <[http://www.w3.org/1999/02/22-rdf-syntax-ns#](http://www.w3.org/1999/02/22-rdf-syntax-ns" \l "type)[type](http://www.w3.org/1999/02/22-rdf-syntax-ns" \l "type)> <<http://dbpedia.org/ontology/Scientist>>.

}

R1:

[http://dbpedia.org/resource/](http://dbpedia.org/resource/Alfred_Kleiner)[Alfred\_Kleiner](http://dbpedia.org/resource/Alfred_Kleiner)

SELECT DISTINCT ?scientist

WHERE {

<http://dbpedia.org/resource/Albert\_Einstein> <http://dbpedia.org/ontology/doctoralAdvisor> ?scientist.

?scientist <[http://dbpedia.org/ontology/](http://dbpedia.org/ontology/nationality)[nationality](http://dbpedia.org/ontology/nationality)> <[http://dbpedia.org/resource/](http://dbpedia.org/resource/Switzerland)**[Switzerland](http://dbpedia.org/resource/Switzerland)**>.

?scientist <[http://www.w3.org/1999/02/22-rdf-syntax-ns#type](http://www.w3.org/1999/02/22-rdf-syntax-ns" \l "type)> <<http://dbpedia.org/ontology/Scientist>>.

}

R2:

<http://dbpedia.org/resource/Heinrich_Friedrich_Weber>

SELECT DISTINCT ?scientist

WHERE {

<http://dbpedia.org/resource/Albert\_Einstein> <http://dbpedia.org/ontology/**academicAdvisor**> ?scientist.

?scientist <<http://dbpedia.org/ontology/nationality>> <http://dbpedia.org/resource/Germany>.

?scientist <[http://www.w3.org/1999/02/22-rdf-syntax-ns#type](http://www.w3.org/1999/02/22-rdf-syntax-ns" \l "type)> <<http://dbpedia.org/ontology/Scientist>>.

}

1. List sports car manufacturers located in the capital of Germany.

SELECT ?manufacturer ?city

WHERE{

?manufacturer <http://dbpedia.org/ontology/product> <http://dbpedia.org/resource/Sports\_car>.

?manufacturer <http://dbpedia.org/ontology/locationCity> ?city.

<http://dbpedia.org/resource/Germany> <http://dbpedia.org/ontology/capital> ?city.

}

R1:<http://dbpedia.org/resource/BMW>

<http://dbpedia.org/resource/Munich>

SELECT ?manufacturer ?city

WHERE{

?manufacturer <http://dbpedia.org/ontology/product> <http://dbpedia.org/resource/Sports\_car>.

?manufacturer <http://dbpedia.org/ontology/locationCity> ?city.

<http://dbpedia.org/resource/**Bavaria**> <http://dbpedia.org/ontology/capital> ?city.

}

R2:http://dbpedia.org/resource/Ferrari

SELECT ?manufacturer ?city

WHERE{

?manufacturer <http://dbpedia.org/ontology/product> <http://dbpedia.org/resource/Sports\_car>.

?manufacturer <http://dbpedia.org/ontology/**foundationPlace**> ?city.

<http://dbpedia.org/resource/**United\_Provinces\_of\_Central\_Italy**> <http://dbpedia.org/ontology/capital> ?city.

}