String prefix = "PREFIX dbo: <http://dbpedia.org/ontology/> PREFIX res: <http://dbpedia.org/resource/> PREFIX dbp: <http://dbpedia.org/property/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> ";

String[] queries = {

// 1-5

prefix + "SELECT DISTINCT ?uri WHERE { ?uri rdf:type dbo:Animal . ?uri dbo:conservationStatus \"EX\" . }", // "Dwarf sawfish", "Egyptian vulture"

prefix + "SELECT DISTINCT ?uri WHERE { res:Johann\_Sebastian\_Bach dbp:placeOfBirth ?uri .}", // "Leipzig"

prefix + "SELECT DISTINCT ?uri WHERE { ?uri dbp:currency res:West\_African\_CFA\_franc . }", // "Cameroon", "Congo"

prefix + "SELECT DISTINCT ?uri WHERE { ?uri dbp:nationality \"Japanese\"@en . ?uri dbp:deathCause \"stomach cancer\"@en . }", // "Midori Miura", "Lou Frost"

prefix + "SELECT DISTINCT ?uri WHERE { ?uri rdf:type dbo:Writer . ?uri dbp:awards res:Nobel\_Prize\_in\_Literature . }", // "Svetlana Alexandravna Alexievich", "Lisa Tuttle"

// 6-10

prefix + "SELECT DISTINCT ?uri WHERE { ?uri rdf:type dbo:Astronaut . ?uri dbo:nationality res:China . }", // "Yang Liwei"

prefix + "SELECT DISTINCT ?uri WHERE { ?uri dbp:name \"Baldwin\"@en . ?uri dbp:occupation res:Actor . }", // "William Baldwin", "Alec Baldwin"

prefix + "SELECT DISTINCT ?uri WHERE { ?uri rdf:type dbo:River . ?x dbo:inflow ?uri . ?x rdf:type dbo:Lake . ?x dbo:country res:Germany . }", // "Warnow"

prefix + "SELECT DISTINCT ?uri WHERE { ?uri dbp:launchPad res:Baikonur\_Cosmodrome. }", // "Vostok 1", "Vostok 2", …… , "Vostok 6"

prefix + "SELECT DISTINCT ?uri WHERE { res:Pope\_John\_Paul\_II dbp:successor ?uri .}", // "Pope Francis", "Pope Venedict XVI", "Pope John Paul I"

// 11-15

prefix + "SELECT DISTINCT ?uri WHERE { ?uri rdf:type dbo:PoliticalParty . ?uri dbo:country res:Netherlands . }", // "GreenLeft", "Labour Party (Netherlands)", "Democrats 66", "Socialist Party (Netherlands)"

prefix + "SELECT DISTINCT ?uri WHERE { ?uri dbp:field res:Oceanography . ?uri dbp:birthPlace res:New\_York . }", // "Sylvia Earle", "Walter Munk"

prefix + "SELECT DISTINCT ?uri WHERE { ?uri rdf:type dbo:Actor . ?uri dbo:birthPlace res:Berlin .}", // "Axel Anderson", "Birgit Hein"

prefix + "SELECT DISTINCT ?uri WHERE { res:Himalayas dbp:country ?country . ?country dbo:capital ?uri . }", // "Kabul"

prefix + "SELECT DISTINCT ?uri WHERE { ?uri dbp:spouse res:Tom\_Cruise . }", // "Katie Holmes"

// 16-20

prefix + "SELECT DISTINCT ?uri WHERE { res:Carrot\_cake dbp:mainIngredient ?uri . }", // "Nutmeg", "Allspice", "Marzipan", "Cream cheese"

prefix + "SELECT DISTINCT ?uri WHERE { ?uri rdf:type dbo:Band . ?uri dbp:genre res:Metalcore . ?uri dbo:homeTown ?h . ?h rdf:type dbo:Country . ?h dbo:language res:English\_language . }",

// "Confession (band)", "Dream On", "Dreamer"

prefix + "SELECT DISTINCT ?uri WHERE { res:The\_Three\_Dancers dbp:artist ?person . ?person dbo:movement ?uri . }", // "Abstract art", "Impressionism", "Abstract expressionism"

prefix + "SELECT DISTINCT ?uri WHERE { ?uri dbp:era res:Medieval\_philosophy . ?var2 dbp:influenced ?uri . ?var2 dbp:name \"Avicenna\"@en . ?var2 dbp:nationality ?var3. ?var3 dbp:languages \"Persian , Luri\"@en . }", // "Aristotle"

prefix + "SELECT DISTINCT ?uri WHERE { ?uri dbp:era res:Ancient\_philosophy . ?uri dbp:mainInterests res:Natural\_philosophy . }", // "Aristotle"

// 21-25

prefix + "SELECT DISTINCT ?var WHERE { ?var dbp:headquarters res:New\_York\_City . }", // "ANSI"(useless), "Oxmoor House"

prefix + "SELECT DISTINCT ?var WHERE { ?var dbp:influences res:Arthur\_Schopenhauer .}", // "Anaximander"

prefix + "SELECT DISTINCT ?var WHERE { ?var dbp:office \"President of the United States\"@en . }", // "George Washington"

prefix + "SELECT DISTINCT ?var WHERE { ?var dbp:products \"Luxury cars\"@en . ?var dbp:locationCountry \"Germany\"@en . }", // "Bayerische Motoren Werke AG"(useless), "Kia Motors", "H.R. Owen"

prefix + "SELECT DISTINCT ?var WHERE { ?var dbp:occupation res:Engineer. ?var dbp:occupation res:Mathematician. }", // "Alan Turing"

// 26-30

prefix + "SELECT DISTINCT ?var WHERE { ?var dbp:occupation res:Film\_director. ?var dbp:awards res:Elliott\_Cresson\_Medal. }", // "Akira Kurosawa"

prefix + "SELECT DISTINCT ?var WHERE { ?var dbp:era res:Medieval\_philosophy . ?var dbp:influences ?p . ?p dbp:name \"Avicenna\"@en . }", // "Averroes"

prefix + "SELECT DISTINCT ?var WHERE { ?var dbp:nationality \"French\"@en . ?var dbp:workplaces res:Institut\_des\_Hautes\_%C3%89tudes\_Scientifiques . ?var dbp:fields res:Mathematics .}", // "Alain Connes"

prefix + "SELECT DISTINCT ?var WHERE { ?var dbp:nationality res:Greeks . ?var dbp:era res:Ancient\_philosophy . ?var dbp:region res:Western\_philosophy . ?var dbp:mainInterests res:Ethics . }", // "Aristotle"

prefix + "SELECT DISTINCT ?var WHERE { ?var dbp:ordo \"Asterales\"@en . ?var dbp:authority ?var2 . }", // "Asterales"

// 31-32

prefix + "SELECT DISTINCT ?var WHERE { ?var dbp:war res:John\_Schofield . ?var dbp:appointer ?p. ?p dbp:name \"Lincoln\"@en . }", // "Andrew Johnson"

prefix + "SELECT DISTINCT ?var WHERE { ?var rdf:type dbo:Book . ?var dbp:publisher res:Viking\_Press . ?var dbp:author res:Jack\_Kerouac . }", // "On the Road"

};

String[] keywords = {

// 1-5

"Dwarf sawfish", "Leipzig", "Cameroon", "Midori Miura", "Lisa Tuttle",

// 6-10

"Yang Liwei", "William Baldwin", "Warnow", "Vostok 1", "Pope Francis",

// 11-15

"GreenLeft", "Sylvia Earle", "Axel Anderson", "Kabul", "Katie Holmes",

// 16-20

"Cream cheese", /\*"Dreamer",\*/"Chimaira", "Abstract art", "Aristotle", "Aristotle",

// 21-25

/\*"ANSI",\*/"Oxmoor House", "Anaximander", "George Washington", /\*"Bayerische Motoren Werke AG",\*/"Kia Motors", "Alan Turing",

// 26-30

"Akira Kurosawa", "Averroes", "Alain Connes", "Aristotle", "Asterales",

// 31-32

"Andrew Johnson", "On the Road"

};