

Query1:

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[trace] 2 ?- qualified(X, houseOfRepresentatives).
  Call: (10) qualified(_102, houseOfRepresentatives) ? creep
  Call: (11) age(_102, _548) ? creep
  Exit: (11) age(rohan, 23) ? creep
  Call: (11) 23>=25 ? creep
  Fail: (11) 23>=25 ? creep
  Redo: (11) age(_102, _724) ? creep
  Exit: (11) age(meera, 30) ? creep
  Call: (11) 30>=25 ? creep
  Exit: (11) 30>=25 ? creep
  Call: (11) citizen(meera, _900) ? creep
  Exit: (11) citizen(meera, 8) ? creep
  Call: (11) 8>=7 ? creep
  Exit: (11) 8>=7 ? creep
  Call: (11) resident(meera, _1076) ? creep
  Fail: (11) resident(meera, _1120) ? creep
  Redo: (11) citizen(meera, _1164) ? creep
  Exit: (11) citizen(meera, 8) ? creep
  Call: (11) 8>=7 ? creep
  Exit: (11) 8>=7 ? creep
  Call: (11) resident(meera, _1340) ? creep
  Fail: (11) resident(meera, _1384) ? creep
  Redo: (11) age(_102, _1428) ? creep
  Exit: (11) age(david, 35) ? creep
  Call: (11) 35>=25 ? creep
  Exit: (11) 35>=25 ? creep
  Call: (11) citizen(david, _1604) ? creep
  Exit: (11) citizen(david, 35) ? creep
  Call: (11) 35>=7 ? creep
  Exit: (11) 35>=7 ? creep
  Call: (11) resident(david, _1780) ? creep
  Exit: (11) resident(david, newYork) ? creep
  Call: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Call: (11) elector(david, newYork) ? creep
  Exit: (11) elector(david, newYork) ? creep
  Call: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
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X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Call: (11) elector(david, newYork) ? creep
  Exit: (11) elector(david, newYork) ? creep
  Call: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Call: (11) elector(david, newYork) ? creep
  Exit: (11) elector(david, newYork) ? creep
  Call: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
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X = david ;
  Redo: (11) citizen(david, _11018) ? creep
  Exit: (11) citizen(david, 35) ? creep
  Call: (11) 35>=7 ? creep
  Exit: (11) 35>=7 ? creep
  Call: (11) resident(david, _11194) ? creep
  Exit: (11) resident(david, newYork) ? creep
  Call: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Call: (11) elector(david, newYork) ? creep
  Exit: (11) elector(david, newYork) ? creep
  Call: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Call: (11) elector(david, newYork) ? creep
  Exit: (11) elector(david, newYork) ? creep
  Call: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
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X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Call: (11) elector(david, newYork) ? creep
  Exit: (11) elector(david, newYork) ? creep
  Call: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) stateOfUS(newYork) ? creep
  Exit: (11) stateOfUS(newYork) ? creep
  Exit: (10) qualified(david, houseOfRepresentatives) ? creep
X = david ;
  Redo: (11) age(_102, _20432) ? creep
  Exit: (11) age(leonard, 40) ? creep
  Call: (11) 40>=25 ? creep
  Exit: (11) 40>=25 ? creep
  Call: (11) citizen(leonard, _20608) ? creep
  Exit: (11) citizen(leonard, 40) ? creep
  Call: (11) 40>=7 ? creep
  Exit: (11) 40>=7 ? creep
  Call: (11) resident(leonard, _20784) ? creep
  Exit: (11) resident(leonard, washington) ? creep
  Call: (11) stateOfUS(washington) ? creep
  Exit: (11) stateOfUS(washington) ? creep
  Call: (11) elector(leonard, washington) ? creep
  Exit: (11) elector(leonard, washington) ? creep
  Call: (11) stateOfUS(washington) ? creep
  Exit: (11) stateOfUS(washington) ? creep
  Exit: (10) qualified(leonard, houseOfRepresentatives) ? creep
X = leonard ;
  Redo: (11) stateOfUS(washington) ? creep
  Exit: (11) stateOfUS(washington) ? creep
  Exit: (10) qualified(leonard, houseOfRepresentatives) ? creep
X = leonard ;

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X = leonard ;
  Redo: (11) stateOfUS(washington) ? creep
  Exit: (11) stateOfUS(washington) ? creep
  Exit: (10) qualified(leonard, houseOfRepresentatives) ? creep
X = leonard ;
  Redo: (11) citizen(leonard, _25046) ? creep
  Exit: (11) citizen(leonard, 40) ? creep
  Call: (11) 40>=7 ? creep
  Exit: (11) 40>=7 ? creep
  Call: (11) resident(leonard, _25222) ? creep
  Exit: (11) resident(leonard, washington) ? creep
  Call: (11) stateOfUS(washington) ? creep
  Exit: (11) stateOfUS(washington) ? creep
  Call: (11) elector(leonard, washington) ? creep
  Exit: (11) elector(leonard, washington) ? creep
  Call: (11) stateOfUS(washington) ? creep
  Exit: (11) stateOfUS(washington) ? creep
  Exit: (10) qualified(leonard, houseOfRepresentatives) ? creep
X = leonard ;
  Redo: (11) stateOfUS(washington) ? creep
  Exit: (11) stateOfUS(washington) ? creep
  Exit: (10) qualified(leonard, houseOfRepresentatives) ? creep
X = leonard ;
  Redo: (11) stateOfUS(washington) ? creep
  Exit: (11) stateOfUS(washington) ? creep
  Call: (11) elector(leonard, washington) ? creep
  Exit: (11) elector(leonard, washington) ? creep
  Call: (11) stateOfUS(washington) ? creep
  Exit: (11) stateOfUS(washington) ? creep
  Exit: (10) qualified(leonard, houseOfRepresentatives) ? creep
X = leonard ;
  Redo: (11) stateOfUS(washington) ? creep
  Exit: (11) stateOfUS(washington) ? creep
  Exit: (10) qualified(leonard, houseOfRepresentatives) ? creep
X = leonard ;
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x = leonard ;
Redo: (11) age(_92, _29494) ? creep
Exit: (11) age(amy, 38) ? creep
Call: (11) 38>=25 ? creep
Exit: (11) 38>=25 ? creep
Call: (11) citizen(amy, _29670) ? creep
Exit: (11) citizen(amy, 5) ? creep
Call: (11) 5>=7 ? creep
Fail: (11) 5>=7 ? creep
Redo: (11) citizen(amy, _29846) ? creep
Exit: (11) citizen(amy, 5) ? creep
Call: (11) 5>=7 ? creep
Fail: (11) 5>=7 ? creep
Redo: (11) citizen(amy, _30022) ? creep
Exit: (11) citizen(amy, 5) ? creep
Call: (11) 5>=7 ? creep
Fail: (11) 5>=7 ? creep
Redo: (11) age(_92, _30198) ? creep
Exit: (11) age(rohan, 23) ? creep
Call: (11) 23>=25 ? creep
Fail: (11) 23>=25 ? creep
Redo: (11) age(_92, _30374) ? creep
Exit: (11) age(meera, 30) ? creep
Call: (11) 30>=25 ? creep
Exit: (11) 30>=25 ? creep
Call: (11) citizen(meera, _30550) ? creep
Exit: (11) citizen(meera, 8) ? creep
Call: (11) 8>=7 ? creep
Exit: (11) 8>=7 ? creep
Call: (11) resident(meera, _30726) ? creep
Fail: (11) resident(meera, _30770) ? creep
Redo: (11) citizen(meera, _30814) ? creep
Exit: (11) citizen(meera, 8) ? creep
Call: (11) 8>=7 ? creep
Exit: (11) 8>=7 ? creep
Call: (11) resident(meera, _30990) ? creep
Fail: (11) resident(meera, _31034) ? creep
Redo: (11) age(_92, _31078) ? creep
Exit: (11) age(david, 35) ? creep
Call: (11) 35>=25 ? creep
Exit: (11) 35>=25 ? creep
Call: (11) citizen(david, _31254) ? creep
Exit: (11) citizen(david, 35) ? creep
Call: (11) 35>=7 ? creep
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Call: (11) 5>=7 ? creep
Fail: (11) 5>=7 ? creep
Redo: (11) citizen(amy, _30022) ? creep
Exit: (11) citizen(amy, 5) ? creep
Call: (11) 5>=7 ? creep
Fail: (11) 5>=7 ? creep
Redo: (11) age(_92, _30198) ? creep
Exit: (11) age(rohan, 23) ? creep
Call: (11) 23>=25 ? creep
Fail: (11) 23>=25 ? creep
Redo: (11) age(_92, _30374) ? creep
Exit: (11) age(meera, 30) ? creep
Call: (11) 30>=25 ? creep
Exit: (11) 30>=25 ? creep
Call: (11) citizen(meera, _30550) ? creep
Exit: (11) citizen(meera, 8) ? creep
Call: (11) 8>=7 ? creep
Exit: (11) 8>=7 ? creep
Call: (11) resident(meera, _30726) ? creep
Fail: (11) resident(meera, _30770) ? creep
Redo: (11) citizen(meera, _30814) ? creep
Exit: (11) citizen(meera, 8) ? creep
Call: (11) 8>=7 ? creep
Exit: (11) 8>=7 ? creep
Call: (11) resident(meera, _30990) ? creep
Fail: (11) resident(meera, _31034) ? creep
Redo: (11) age(_92, _31078) ? creep
Exit: (11) age(david, 35) ? creep
Call: (11) 35>=25 ? creep
Exit: (11) 35>=25 ? creep
Call: (11) citizen(david, _31254) ? creep
Exit: (11) citizen(david, 35) ? creep
Call: (11) 35>=7 ? creep
Exit: (11) 35>=7 ? creep
Call: (11) resident(david, _31430) ? creep
Exit: (11) resident(david, newYork) ? creep
Call: (11) stateOfUS(newYork) ? creep
Exit: (11) stateOfUS(newYork) ? creep
Call: (11) elector(david, newYork) ? creep
Exit: (11) elector(david, newYork) ? creep
Call: (11) stateOfUS(newYork) ? creep
Exit: (11) stateOfUS(newYork) ? creep
Exit: (10) qualified(david, houseOfRepresentatives) ? creep
x = david ;
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Query2:

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[trace] 16 ?- power(congress, X).
  Call: (10) power(congress, _4512) ? creep
  Call: (11) stateOFUS(congress) ? creep
  Exit: (11) stateOFUS(congress) ? creep
  Exit: (10) power(congress, make(electionRegulations)) ? creep
X = make(electionRegulations) ;
  Redo: (11) stateOFUS(congress) ? creep
  Exit: (11) stateOFUS(congress) ? creep
  Exit: (10) power(congress, make(electionRegulations)) ? creep
X = make(electionRegulations) ;
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, alter(electionRegulations)) ? creep
X = alter(electionRegulations) ;
  Redo: (10) power(congress, _4512) ? creep
  Call: (11) lists:member(_7776, [tax, duties, imposts, excises]) ? creep
  Exit: (11) lists:member(tax, [tax, duties, imposts, excises]) ? creep
  Exit: (10) power(congress, layAndCollect(tax)) ? creep
X = layAndCollect(tax) ;
  Redo: (11) lists:member(_7776, [tax, duties, imposts, excises]) ? creep
  Exit: (11) lists:member(duties, [tax, duties, imposts, excises]) ? creep
  Exit: (10) power(congress, layAndCollect(duties)) ? creep
X = layAndCollect(duties) ;
  Redo: (11) lists:member(_7776, [tax, duties, imposts, excises]) ? creep
  Exit: (11) lists:member(imposts, [tax, duties, imposts, excises]) ? creep
  Exit: (10) power(congress, layAndCollect(imposts)) ? creep
X = layAndCollect(imposts) ;
  Redo: (11) lists:member(_7776, [tax, duties, imposts, excises]) ? creep
  Exit: (11) lists:member(excises, [tax, duties, imposts, excises]) ? creep
  Exit: (10) power(congress, layAndCollect(excises)) ? creep
X = layAndCollect(excises) ;
  Redo: (10) power(congress, _4512) ? creep
  Call: (11) lists:member(_11680, [defense, welfare]) ? creep
  Exit: (11) lists:member(defense, [defense, welfare]) ? creep
  Exit: (10) power(congress, spend(defense)) ? creep
X = spend(defense) ;
  Redo: (11) lists:member(_11680, [defense, welfare]) ? creep
  Exit: (11) lists:member(welfare, [defense, welfare]) ? creep
  Exit: (10) power(congress, spend(welfare)) ? creep
X = spend(welfare) ;
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, borrow(moneyOnCreditOf(theUs))) ? creep
X = borrow(moneyOnCreditOf(theUs)) ;
  Redo: (10) power(congress, _4512) ? creep
  Call: (11) lists:member(_14582, [with(foreign(nationals)), among(states), with(indianTribes)]) ? creep
  Exit: (11) lists:member(with(foreign(nationals)), [with(foreign(nationals)), among(states), with(indianTribes)]) ? creep
  Exit: (10) power(congress, regulate(commerce(with(foreign(nationals))))) ? creep
X = regulate(commerce(with(foreign(nationals))));
  Redo: (11) lists:member(_14582, [with(foreign(nationals)), among(states), with(indianTribes)]) ? creep
  Exit: (11) lists:member(among(states), [with(foreign(nationals)), among(states), with(indianTribes)]) ? creep
  Exit: (10) power(congress, regulate(commerce(among(states))))) ? creep
X = regulate(commerce(among(states)));
  Redo: (11) lists:member(_14582, [with(foreign(nationals)), among(states), with(indianTribes)]) ? creep
  Exit: (11) lists:member(with(indianTribes), [with(foreign(nationals)), among(states), with(indianTribes)]) ? creep
  Exit: (10) power(congress, regulate(commerce(with(indianTribes))))) ? creep
X = regulate(commerce(with(indianTribes)));
  Redo: (10) power(congress, _4512) ? creep
  Call: (11) lists:member(_17542, [rules(naturalization), laws(bankruptcy)]) ? creep
  Exit: (11) lists:member(rules(naturalization), [rules(naturalization), laws(bankruptcy)]) ? creep
  Exit: (10) power(congress, establish(uniform(rules(naturalization))))) ? creep
X = establish(uniform(rules(naturalization)));
  Redo: (11) lists:member(_17542, [rules(naturalization), laws(bankruptcy)]) ? creep
  Exit: (11) lists:member(laws(bankruptcy), [rules(naturalization), laws(bankruptcy)]) ? creep
  Exit: (10) power(congress, establish(uniform(laws(bankruptcy))))) ? creep
X = establish(uniform(laws(bankruptcy)));
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, coin(currency)) ? creep
X = coin(currency) ;
  Redo: (10) power(congress, _4512) ? creep
  Call: (11) lists:member(_28444, [value(currency), exchangeRates(foreign(currency))]) ? creep
  Exit: (11) lists:member(value(currency), [value(currency), exchangeRates(foreign(currency))]) ? creep
  Exit: (10) power(congress, regulate(value(currency))) ? creep
X = regulate(value(currency)) ;
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X = regulate(value(currency)) ;
  Redo: (11) lists:member(_28444, [value(currency), exchangeRates(foreign(currency))]) ? creep
  Exit: (11) lists:member(exchangeRates(foreign(currency)), [value(currency), exchangeRates(foreign(currency))]) ? creep
  Exit: (10) power(congress, regulate(exchangeRates(foreign(currency)))) ? creep
X = regulate(exchangeRates(foreign(currency))) ;
  Redo: (10) power(congress, _4512) ? creep
  Call: (11) lists:member(_22436, [securities, currency]) ? creep
  Exit: (11) lists:member(securities, [securities, currency]) ? creep
  Exit: (10) power(congress, punish(counterfeiting(securities))) ? creep
X = punish(counterfeiting(securities)) ;
  Redo: (11) lists:member(_22436, [securities, currency]) ? creep
  Exit: (11) lists:member(currency, [securities, currency]) ? creep
  Exit: (10) power(congress, punish(counterfeiting(currency))) ? creep
X = punish(counterfeiting(currency)) ;
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, establish(postOffices)) ? creep
X = establish(postOffices) ;
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, post(roads)) ? creep
X = post(roads) ;
  Redo: (10) power(congress, _4512) ? creep
  Call: (11) lists:member(_26256, [right(writings, authours), right(discoveries, inventors)]) ? creep
  Exit: (11) lists:member(right(writings, authours), [right(writings, authours), right(discoveries, inventors)]) ? creep
  Exit: (10) power(congress, provide(limitedTime(exclusive(right(writings, authours))))) ? creep
X = provide(limitedTime(exclusive(right(writings, authours)))) ;
  Redo: (11) lists:member(_26256, [right(writings, authours), right(discoveries, inventors)]) ? creep
  Exit: (11) lists:member(right(discoveries, inventors), [right(writings, authours), right(discoveries, inventors)]) ? creep
  Exit: (10) power(congress, provide(limitedTime(exclusive(right(discoveries, inventors))))) ? creep
X = provide(limitedTime(exclusive(right(discoveries, inventors)))) ;
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, provide(tribunals(congress))) ? creep
X = provide(tribunals(congress)) ;
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, define(piracies(highSeas))) ? creep
X = define(piracies(highSeas)) ;
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, punish(piracies(highSeas))) ? creep
X = punish(piracies(highSeas)) ;
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, define(felonies(highSeas))) ? creep
X = define(felonies(highSeas)) ;
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, punish(felonies(highSeas))) ? creep
X = punish(felonies(highSeas)) ;
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, define(offences(lawOfNations))) ? creep
X = define(offences(lawOfNations)) ;
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, punish(offences(lawOfNations))) ? creep
X = punish(offences(lawOfNations)) ;
  Redo: (10) power(congress, _4512) ? creep
  Exit: (10) power(congress, declare(war)) ? creep
X = declare(war) ;
  Redo: (10) power(congress, _4512) ? creep
  Call: (11) lists:member(_35620, [marque, reposal]) ? creep
  Exit: (11) lists:member(marque, [marque, reposal]) ? creep
  Exit: (10) power(congress, grant(letters(marque))) ? creep
X = grant(letters(marque)) ;
  Redo: (11) lists:member(_35620, [marque, reposal]) ? creep
  Exit: (11) lists:member(reposal, [marque, reposal]) ? creep
  Exit: (10) power(congress, grant(letters(reposal))) ? creep
X = grant(letters(reposal)) ;
  Redo: (10) power(congress, _4512) ? creep
  Call: (11) lists:member(_37604, [land, water]) ? creep
  Exit: (11) lists:member(land, [land, water]) ? creep
  Exit: (10) power(congress, make(rules(captures(land)))) ? creep
X = make(rules(captures(land))) ;
  Redo: (11) lists:member(_37604, [land, water]) ? creep
  Exit: (11) lists:member(water, [land, water]) ? creep
  Exit: (10) power(congress, make(rules(captures(water)))) ? creep
X = make(rules(captures(water))) ;

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X = make(rules(governmentAndRegulation(forces(land)))) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, make(rules(governmentAndRegulation(forces(naval)))) ? creep
X = make(rules(governmentAndRegulation(forces(naval)))) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, provide(call(militia))) ? creep
X = provide(call(militia)) ;
Redo: (10) power(congress, _4512) ? creep
Call: (11) lists:member(_46386, [organizing(militia), arming(militia), disciplining(militia)]) ? creep
Exit: (11) lists:member(organizing(militia), [organizing(militia), arming(militia), disciplining(militia)]) ? creep
Exit: (10) power(congress, provide(organizing(militia))) ? creep
X = provide(organizing(militia)) ;
Redo: (11) lists:member(_46386, [organizing(militia), arming(militia), disciplining(militia)]) ? creep
Exit: (11) lists:member(arming(militia), [organizing(militia), arming(militia), disciplining(militia)]) ? creep
Exit: (10) power(congress, provide(arming(militia))) ? creep
X = provide(arming(militia)) ;
Redo: (11) lists:member(_46386, [organizing(militia), arming(militia), disciplining(militia)]) ? creep
Exit: (11) lists:member(disciplining(militia), [organizing(militia), arming(militia), disciplining(militia)]) ? creep
Exit: (10) power(congress, provide(disciplining(militia))) ? creep
X = provide(disciplining(militia)) ;
Redo: (10) power(congress, _4512) ? creep
Call: (11) inService(militia, _49396) ? creep
Call: (12) lists:member(_49456, [executeLawsOfUnion, insurrections, rebelInvasions]) ? creep
Exit: (12) lists:member(executeLawsOfUnion, [executeLawsOfUnion, insurrections, rebelInvasions]) ? creep
Exit: (11) inService(militia, executeLawsOfUnion) ? creep
Exit: (10) power(congress, governing(militia)) ? creep
X = governing(militia) ;
Redo: (12) lists:member(_50458, [executeLawsOfUnion, insurrections, rebelInvasions]) ? creep
Exit: (12) lists:member(insurrections, [executeLawsOfUnion, insurrections, rebelInvasions]) ? creep
Exit: (11) inService(militia, insurrections) ? creep
Exit: (10) power(congress, governing(militia)) ? creep
X = governing(militia) ;
Redo: (12) lists:member(_51460, [executeLawsOfUnion, insurrections, rebelInvasions]) ? creep
Exit: (12) lists:member(rebelInvasions, [executeLawsOfUnion, insurrections, rebelInvasions]) ? creep
Exit: (11) inService(militia, rebelInvasions) ? creep
Exit: (10) power(congress, governing(militia)) ? creep
X = governing(militia) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, appoint(officers(militia))) ? creep
X = appoint(officers(militia)) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, prescribe(discipline(training(militia)))) ? creep
X = prescribe(discipline(training(militia))) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, exercise(exclusive(legislation(becomes(seat(government(theUS, district)))))) ? creep
X = exercise(exclusive(legislation(becomes(seat(government(theUS, district)))))) ;
Redo: (10) power(congress, _4512) ? creep
Call: (11) consent(legislation(state)) ? creep
Exit: (11) consent(legislation(state)) ? creep
Exit: (10) power(congress, exercise(authority(purchased(places)))) ? creep
X = exercise(authority(purchased(places))) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, make(laws(necessaryAndProper(power(constitution)))) ? creep
X = make(laws(necessaryAndProper(power(constitution)))) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, rulesRegarding(territory)) ? creep
X = rulesRegarding(territory) ;
Redo: (10) power(congress, _4512) ? creep
Call: (11) not(delegated(_4512, unitedStates, constitution)) ? creep
Fail: (11) not(delegated(_4512, unitedStates, constitution)) ? creep
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, enforceArticle(legislation)) ? creep
X = enforceArticle(legislation) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, enforceArticle(legislation)) ? creep
X = enforceArticle(legislation) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, enforce(article, legislation)) ? creep
X = enforce(article, legislation) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, withoutRegardTo(source, layOrCollect(taxes))) ? creep
X = withoutRegardTo(source, layOrCollect(taxes)) ;
Redo: (10) power(congress, _4512) ? creep

```

```

X = governing(militia) ;
Redo: (12) lists:member(_58458, [executLawsOfUnion, insurrections, rebelInvasions]) ? creep
Exit: (12) lists:member(insurrections, [executLawsOfUnion, insurrections, rebelInvasions]) ? creep
Exit: (11) inService(militia, insurrections) ? creep
Exit: (10) power(congress, governing(militia)) ? creep
X = governing(militia) ;
Redo: (12) lists:member(_51460, [executLawsOfUnion, insurrections, rebelInvasions]) ? creep
Exit: (12) lists:member(rebelInvasions, [executLawsOfUnion, insurrections, rebelInvasions]) ? creep
Exit: (11) inService(militia, rebelInvasions) ? creep
Exit: (10) power(congress, governing(militia)) ? creep
X = governing(militia) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, appoint(officers(militia))) ? creep
X = appoint(officers(militia)) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, prescribe(discipline(training(militia)))) ? creep
X = prescribe(discipline(training(militia))) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, exercise(exclusive(legislation(becomes(seat(government(theUS), district)))))) ? creep
X = exercise(exclusive(legislation(becomes(seat(government(theUS), district)))) ;
Redo: (10) power(congress, _4512) ? creep
Call: (11) consent(legislation(state)) ? creep
Exit: (11) consent(legislation(state)) ? creep
Exit: (10) power(congress, exercise(authority(purchased(places)))) ? creep
X = exercise(authority(purchased(places))) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, make(laws(necessaryAndProper(power(constitution)))) ? creep
X = make(laws(necessaryAndProper(power(constitution)))) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, rulesRegardingTerritory) ? creep
X = rulesRegardingTerritory ;
Redo: (10) power(congress, _4512) ? creep
Call: (11) not(delegated(_4512, unitedStates, constitution)) ? creep
Fail: (11) not(delegated(_4512, unitedStates, constitution)) ? creep
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, enforceArticle(legislation)) ? creep
X = enforceArticle(legislation) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, enforceArticle(legislation)) ? creep
X = enforceArticle(legislation) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, enforce(article, legislation)) ? creep
X = enforce(article, legislation) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, withoutRegardTo(source, layOrCollect(taxes))) ? creep
X = withoutRegardTo(source, layOrCollect(taxes)) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, withoutRegardTo(apportionmentAmongStates, layOrCollect(taxes))) ? creep
X = withoutRegardTo(apportionmentAmongStates, layOrCollect(taxes)) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, withoutRegardTo(census, layOrCollect(taxes))) ? creep
X = withoutRegardTo(census, layOrCollect(taxes)) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, withoutRegardTo(enumeration, layOrCollect(taxes))) ? creep
X = withoutRegardTo(enumeration, layOrCollect(taxes)) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, enforceArticle(legislation)) ? creep
X = enforceArticle(legislation) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, enforceArticle(legislation)) ? creep
X = enforceArticle(legislation) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, enforceArticle(legislation)) ? creep
X = enforceArticle(legislation) ;
Redo: (10) power(congress, _4512) ? creep
Exit: (10) power(congress, enforce(article(amendment26))) ? creep
X = enforce(article(amendment26)).

```

Query3:

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[trace] 2 ?- executivePower(X).
    Call: (10) executivePower(_98) ? creep
    Exit: (10) executivePower(president) ? creep
X = president.

```

Query4:

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[trace] 3 ?- right(george, X).
Call: (10) right(george, _1880) ? creep
Call: (11) citizen(george, _2326) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10>=0 ? creep
Exit: (11) 10>=0 ? creep
Exit: (10) right(george, keepAndBear(arms)) ? creep
X = keepAndBear(arms) ;
Redo: (10) right(george, _1880) ? creep
Call: (11) lists:member(_3370, [searches, seizures]) ? creep
Exit: (11) lists:member(searches, [searches, seizures]) ? creep
Call: (11) citizen(george, _4536) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10>=0 ? creep
Exit: (11) 10>=0 ? creep
Exit: (10) right(george, security(against(unreasonable(searches)))) ? creep
X = security(against(unreasonable(searches))) ;
Redo: (11) lists:member(_3370, [searches, seizures]) ? creep
Exit: (11) lists:member(seizures, [searches, seizures]) ? creep
Call: (11) citizen(george, _5670) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10>=0 ? creep
Exit: (11) 10>=0 ? creep
Exit: (10) right(george, security(against(unreasonable(seizures)))) ? creep
X = security(against(unreasonable(seizures))) ;
Redo: (10) right(george, _1880) ? creep
Call: (11) lists:member(_6712, [presentment(grandJury), indictment(grandJury), service(land), service(naval)]) ? creep
Exit: (11) lists:member(presentment(grandJury), [presentment(grandJury), indictment(grandJury), service(land), service(naval)]) ? creep
Call: (11) lists:member(_6706, [capitalCrime, infamousCrime]) ? creep
Exit: (11) lists:member(capitalCrime, [capitalCrime, infamousCrime]) ? creep
Call: (11) citizen(george, _6998) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10>=0 ? creep
Exit: (11) 10>=0 ? creep
Exit: (10) right(george, notHeldAnswerable(capitalCrime, unlessThey(presentment(grandJury)))) ? creep
X = notHeldAnswerable(capitalCrime, unlessThey(presentment(grandJury))) ;
Redo: (11) lists:member(_6706, [capitalCrime, infamousCrime]) ? creep
Exit: (11) lists:member(infamousCrime, [capitalCrime, infamousCrime]) ? creep
Call: (11) citizen(george, _8132) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10>=0 ? creep
Exit: (11) 10>=0 ? creep
Exit: (10) right(george, notHeldAnswerable(infamousCrime, unlessThey(presentment(grandJury)))) ? creep
X = notHeldAnswerable(infamousCrime, unlessThey(presentment(grandJury))) ;
Redo: (11) lists:member(_6712, [presentment(grandJury), indictment(grandJury), service(land), service(naval)]) ? creep
Exit: (11) lists:member(indictment(grandJury), [presentment(grandJury), indictment(grandJury), service(land), service(naval)]) ? creep
Call: (11) lists:member(_6706, [capitalCrime, infamousCrime]) ? creep
Exit: (11) lists:member(capitalCrime, [capitalCrime, infamousCrime]) ? creep
Call: (11) citizen(george, _9366) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10>=0 ? creep
Exit: (11) 10>=0 ? creep
Exit: (10) right(george, notHeldAnswerable(capitalCrime, unlessThey(indictment(grandJury)))) ? creep
X = notHeldAnswerable(capitalCrime, unlessThey(indictment(grandJury))) ;
Redo: (11) lists:member(_6706, [capitalCrime, infamousCrime]) ? creep
Exit: (11) lists:member(infamousCrime, [capitalCrime, infamousCrime]) ? creep
Call: (11) citizen(george, _10500) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10>=0 ? creep
Exit: (11) 10>=0 ? creep
Exit: (10) right(george, notHeldAnswerable(infamousCrime, unlessThey(indictment(grandJury)))) ? creep
X = notHeldAnswerable(infamousCrime, unlessThey(indictment(grandJury))) ;
Redo: (11) lists:member(_6712, [presentment(grandJury), indictment(grandJury), service(land), service(naval)]) ? creep
Exit: (11) lists:member(service(land), [presentment(grandJury), indictment(grandJury), service(land), service(naval)]) ? creep
Call: (11) lists:member(_6706, [capitalCrime, infamousCrime]) ? creep
Exit: (11) lists:member(capitalCrime, [capitalCrime, infamousCrime]) ? creep
Call: (11) citizen(george, _11734) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10>=0 ? creep
Exit: (11) 10>=0 ? creep
Exit: (10) right(george, notHeldAnswerable(capitalCrime, unlessThey(service(land)))) ? creep
X = notHeldAnswerable(capitalCrime, unlessThey(service(land))) ;

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Redo: (11) lists:member(_6706, [capitalCrime, infamousCrime]) ? creep
Exit: (11) lists:member(infamousCrime, [capitalCrime, infamousCrime]) ? creep
Call: (11) citizen(george, _10500) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10=>0 ? creep
Exit: (11) 10=>0 ? creep
Exit: (10) right(george, notHeldAnswerable(infamousCrime, unlessThey(indictment(grandJury)))) ? creep
X = notHeldAnswerable(infamousCrime, unlessThey(indictment(grandJury))) ;
Redo: (11) lists:member(_6712, [presentment(grandJury), indictment(grandJury), service(land), service(naval)]) ? creep
Exit: (11) lists:member(service(land), [presentment(grandJury), indictment(grandJury), service(land), service(naval)]) ? creep
Call: (11) lists:member(_6706, [capitalCrime, infamousCrime]) ? creep
Exit: (11) lists:member(capitalCrime, [capitalCrime, infamousCrime]) ? creep
Call: (11) citizen(george, _11734) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10=>0 ? creep
Exit: (11) 10=>0 ? creep
Exit: (10) right(george, notHeldAnswerable(capitalCrime, unlessThey(service(land)))) ? creep
X = notHeldAnswerable(capitalCrime, unlessThey(service(land))) ;
Redo: (11) lists:member(_6706, [capitalCrime, infamousCrime]) ? creep
Exit: (11) lists:member(infamousCrime, [capitalCrime, infamousCrime]) ? creep
Call: (11) citizen(george, _12868) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10=>0 ? creep
Exit: (11) 10=>0 ? creep
Exit: (10) right(george, notHeldAnswerable(infamousCrime, unlessThey(service(land)))) ? creep
X = notHeldAnswerable(infamousCrime, unlessThey(service(land))) ;
Redo: (11) lists:member(_6712, [presentment(grandJury), indictment(grandJury), service(land), service(naval)]) ? creep
Exit: (11) lists:member(service(naval), [presentment(grandJury), indictment(grandJury), service(land), service(naval)]) ? creep
Call: (11) lists:member(_6706, [capitalCrime, infamousCrime]) ? creep
Exit: (11) lists:member(capitalCrime, [capitalCrime, infamousCrime]) ? creep
Call: (11) citizen(george, _14102) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10=>0 ? creep
Exit: (11) 10=>0 ? creep
Exit: (10) right(george, notHeldAnswerable(capitalCrime, unlessThey(service(naval)))) ? creep
X = notHeldAnswerable(capitalCrime, unlessThey(service(naval))) ;
Redo: (11) lists:member(_6706, [capitalCrime, infamousCrime]) ? creep
Exit: (11) lists:member(infamousCrime, [capitalCrime, infamousCrime]) ? creep
Call: (11) citizen(george, _15236) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10=>0 ? creep
Exit: (11) 10=>0 ? creep
Exit: (10) right(george, notHeldAnswerable(infamousCrime, unlessThey(service(naval)))) ? creep
X = notHeldAnswerable(infamousCrime, unlessThey(service(naval))) ;
Redo: (10) right(george, _1880) ? creep
Call: (11) citizen(george, _16334) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10=>0 ? creep
Exit: (11) 10=>0 ? creep
Exit: (10) right(george, putInJeopardy(twice(sameOfffence))) ? creep
X = putInJeopardy(twice(sameOfffence)) ;
Redo: (10) right(george, _1880) ? creep
Call: (11) citizen(george, _17436) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10=>0 ? creep
Exit: (11) 10=>0 ? creep
Exit: (10) right(george, not(witness(against(george)))) ? creep
X = not(witness(against(george))) ;
Redo: (10) right(george, _1880) ? creep
Call: (11) lists:member(_18472, [life, liberty, peroperty, taken(withoutCompensation(privateProperty))]) ? creep
Exit: (11) lists:member(life, [life, liberty, peroperty, taken(withoutCompensation(privateProperty))]) ? creep
Call: (11) citizen(george, _18650) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10=>0 ? creep
Exit: (11) 10=>0 ? creep
Exit: (10) right(george, notDeprived(life)) ? creep
X = notDeprived(life) ;

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Redo: (11) lists:member(_17208, [life, liberty, peroperty, taken(withoutCompensation(privateProperty))]) ? creep
Exit: (11) lists:member(liberty, [life, liberty, peroperty, taken(withoutCompensation(privateProperty))]) ? creep
Call: (11) citizen(george, _18520) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10>=0 ? creep
Exit: (11) 10>=0 ? creep
Exit: (10) right(george, notDeprived(liberty)) ? creep
X = notDeprived(liberty) ;
Redo: (11) lists:member(_17208, [life, liberty, peroperty, taken(withoutCompensation(privateProperty))]) ? creep
Exit: (11) lists:member(peroperty, [life, liberty, peroperty, taken(withoutCompensation(privateProperty))]) ? creep
Call: (11) citizen(george, _19654) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10>=0 ? creep
Exit: (11) 10>=0 ? creep
Exit: (10) right(george, notDeprived(peroperty)) ? creep
X = notDeprived(peroperty) ;
Redo: (11) lists:member(_17208, [life, liberty, peroperty, taken(withoutCompensation(privateProperty))]) ? creep
Exit: (11) lists:member(taken(withoutCompensation(privateProperty)), [life, liberty, peroperty, taken(withoutCompensation(privateProperty))]) ?c
reep
Call: (11) citizen(george, _20788) ? creep
Exit: (11) citizen(george, 10) ? creep
Call: (11) 10>=0 ? creep
Exit: (11) 10>=0 ? creep
Exit: (10) right(george, notDeprived(taken(withoutCompensation(privateProperty)))) ? creep
X = notDeprived(taken(withoutCompensation(privateProperty))) ;
Redo: (10) right(george, _1630) ? creep
Exit: (10) right(george, speedyAndPublicTrial) ? creep
X = speedyAndPublicTrial ;
Redo: (10) right(george, _1630) ? creep
Exit: (10) right(george, informedOfNatureAndCause(accusation)) ? creep
X = informedOfNatureAndCause(accusation) ;
Redo: (10) right(george, _1630) ? creep
Exit: (10) right(george, confronted(witnessesAgainst)) ? creep
X = confronted(witnessesAgainst) ;
Redo: (10) right(george, _1630) ? creep
Exit: (10) right(george, obtaining(witnessesFor)) ? creep
X = obtaining(witnessesFor) ;
Redo: (10) right(george, _1630) ? creep
Exit: (10) right(george, have(assistanceOfCounsel)) ? creep
X = have(assistanceOfCounsel).

```

Query5-9

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[trace] 7 ?- protectionAgainstInvasion(georgia).
Call: (10) protectionAgainstInvasion(georgia) ? creep
Call: (11) stateOfRUS(georgia) ? creep
Exit: (11) stateOfRUS(georgia) ? creep
Exit: (10) protectionAgainstInvasion(georgia) ? creep
true ;
Redo: (11) stateOfRUS(georgia) ? creep
Exit: (11) stateOfRUS(georgia) ? creep
Exit: (10) protectionAgainstInvasion(georgia) ? creep
true ;
Redo: (11) stateOfRUS(georgia) ? creep
Exit: (11) stateOfRUS(georgia) ? creep
Exit: (10) protectionAgainstInvasion(georgia) ? creep
true.

[trace] 8 ?- commanderInChiefOfArmy(X).
Call: (10) commanderInChiefOfArmy(_3456) ? creep
Exit: (10) commanderInChiefOfArmy(president) ? creep
X = president.

[trace] 9 ?- power(X, grant(pardon(offenseAgainstUS))).
Call: (10) power(_5560, grant(pardon(offenseAgainstUS))) ? creep
Exit: (10) power(president, grant(pardon(offenseAgainstUS))) ? creep
X = president ;
Redo: (10) power(_5560, grant(pardon(offenseAgainstUS))) ? creep
Call: (11) not(delegated(grant(pardon(offenseAgainstUS)), unitedStates, constitution)) ? creep
Fail: (11) not(delegated(grant(pardon(offenseAgainstUS)), unitedStates, constitution)) ? creep
Fail: (10) power(_5560, grant(pardon(offenseAgainstUS))) ? creep
false.

[trace] 10 ?- presidentOfSenate(X).
Call: (10) presidentOfSenate(_8200) ? creep
Exit: (10) presidentOfSenate(vicePresident) ? creep
X = vicePresident.

[trace] 11 ?- meetingOfCongress(D, M, 2019).
Call: (10) meetingOfCongress(_90, _92, 2019) ? creep
Call: (11) monday(_90, _92, 2019) ? creep
Exit: (11) monday(7, 1, 2019) ? creep
Call: (11) 1==12 ? creep
Fail: (11) 1==12 ? creep
Redo: (11) monday(_90, _92, 2019) ? creep
Exit: (11) monday(2, 12, 2019) ? creep
Call: (11) 12==12 ? creep
Exit: (11) 12==12 ? creep
Call: (11) 2<7 ? creep
Exit: (11) 2<7 ? creep
Exit: (10) meetingOfCongress(2, 12, 2019) ? creep
D = 2,
M = 12.

```