000000000000

her bir userin takip ettigi userlarin sayisini gunceller

MATCH (u:User)-[:Follow]->(f:User)

WITH u, COUNT(f) AS totalFollowed

SET u.totalFollowed = totalFollowed

return u

her bir userin toplam takip edildigi user sayisini gunceller

MATCH (u:User)<-[:Follow]-(f:User)

WITH u, COUNT(f) AS totalFollowers

SET u.totalFollowers = totalFollowers

return u

her bir author’in yazmis oldugu toplam kitap sayisini gunceller

MATCH (a:Author)-[:Write]->(f:Book)

WITH a, COUNT(f) AS totalBook

SET a.totalBook = totalBook

return a

00000000000000

MATCH (u:User)<-[:Follow]-(f:User)

WITH u, COUNT(f) AS totalFollowers

SET u.totalFollowers = totalFollowers

WITH u

MATCH (u)-[:Follow]->(f:User)

WITH u, COUNT(f) AS totalFollowed

SET u.totalFollowed = totalFollowed

RETURN u

Bu komut hem followers hemde followed’I tek seferde calistirabileceigmiz bir komut.

1111111111111111111111111111

Hem user hem author birlestirip tek queryde calistirma :

MATCH (u:User)<-[:Follow]-(f:User)

WITH u, COUNT(f) AS totalFollowers

SET u.totalFollowers = totalFollowers

WITH u

MATCH (u)-[:Follow]->(f:User)

WITH u, COUNT(f) AS totalFollowed

SET u.totalFollowed = totalFollowed

WITH u

MATCH (a:Author)-[:Write]->(b:Book)

WITH u, a, COUNT(b) AS totalBook

SET a.totalBook = totalBook

RETURN u, a

!!!

CREATE (TheMatrix:Movie {title:'The Matrix', released:1999, tagline:'Welcome to the Real World'})

CREATE (Keanu:Person {name:'Keanu Reeves', born:1964})

CREATE (Carrie:Person {name:'Carrie-Anne Moss', born:1967})

CREATE (Laurence:Person {name:'Laurence Fishburne', born:1961})

CREATE (Hugo:Person {name:'Hugo Weaving', born:1960})

CREATE (LillyW:Person {name:'Lilly Wachowski', born:1967})

CREATE (LanaW:Person {name:'Lana Wachowski', born:1965})

CREATE (JoelS:Person {name:'Joel Silver', born:1952})

CREATE

(Keanu)-[:ACTED\_IN {roles:['Neo']}]->(TheMatrix),

(Carrie)-[:ACTED\_IN {roles:['Trinity']}]->(TheMatrix),

(Laurence)-[:ACTED\_IN {roles:['Morpheus']}]->(TheMatrix),

(Hugo)-[:ACTED\_IN {roles:['Agent Smith']}]->(TheMatrix),

(LillyW)-[:DIRECTED]->(TheMatrix),

(LanaW)-[:DIRECTED]->(TheMatrix),

(JoelS)-[:PRODUCED]->(TheMatrix)

CREATE (Emil:Person {name:"Emil Eifrem", born:1978})

CREATE (Emil)-[:ACTED\_IN {roles:["Emil"]}]->(TheMatrix)

CREATE (TheMatrixReloaded:Movie {title:'The Matrix Reloaded', released:2003, tagline:'Free your mind'})

CREATE

(Keanu)-[:ACTED\_IN {roles:['Neo']}]->(TheMatrixReloaded),

(Carrie)-[:ACTED\_IN {roles:['Trinity']}]->(TheMatrixReloaded),

(Laurence)-[:ACTED\_IN {roles:['Morpheus']}]->(TheMatrixReloaded),

(Hugo)-[:ACTED\_IN {roles:['Agent Smith']}]->(TheMatrixReloaded),

(LillyW)-[:DIRECTED]->(TheMatrixReloaded),

(LanaW)-[:DIRECTED]->(TheMatrixReloaded),

(JoelS)-[:PRODUCED]->(TheMatrixReloaded)

CREATE (TheMatrixRevolutions:Movie {title:'The Matrix Revolutions', released:2003, tagline:'Everything that has a beginning has an end'})

CREATE

(Keanu)-[:ACTED\_IN {roles:['Neo']}]->(TheMatrixRevolutions),

(Carrie)-[:ACTED\_IN {roles:['Trinity']}]->(TheMatrixRevolutions),

(Laurence)-[:ACTED\_IN {roles:['Morpheus']}]->(TheMatrixRevolutions),

(Hugo)-[:ACTED\_IN {roles:['Agent Smith']}]->(TheMatrixRevolutions),

(LillyW)-[:DIRECTED]->(TheMatrixRevolutions),

(LanaW)-[:DIRECTED]->(TheMatrixRevolutions),

(JoelS)-[:PRODUCED]->(TheMatrixRevolutions)

CREATE (TheDevilsAdvocate:Movie {title:"The Devil's Advocate", released:1997, tagline:'Evil has its winning ways'})

CREATE (Charlize:Person {name:'Charlize Theron', born:1975})

CREATE (Al:Person {name:'Al Pacino', born:1940})

CREATE (Taylor:Person {name:'Taylor Hackford', born:1944})

CREATE

(Keanu)-[:ACTED\_IN {roles:['Kevin Lomax']}]->(TheDevilsAdvocate),

(Charlize)-[:ACTED\_IN {roles:['Mary Ann Lomax']}]->(TheDevilsAdvocate),

(Al)-[:ACTED\_IN {roles:['John Milton']}]->(TheDevilsAdvocate),

(Taylor)-[:DIRECTED]->(TheDevilsAdvocate)

CREATE (AFewGoodMen:Movie {title:"A Few Good Men", released:1992, tagline:"In the heart of the nation's capital, in a courthouse of the U.S. government, one man will stop at nothing to keep his honor, and one will stop at nothing to find the truth."})

CREATE (TomC:Person {name:'Tom Cruise', born:1962})

CREATE (JackN:Person {name:'Jack Nicholson', born:1937})

CREATE (DemiM:Person {name:'Demi Moore', born:1962})

CREATE (KevinB:Person {name:'Kevin Bacon', born:1958})

CREATE (KieferS:Person {name:'Kiefer Sutherland', born:1966})

CREATE (NoahW:Person {name:'Noah Wyle', born:1971})

CREATE (CubaG:Person {name:'Cuba Gooding Jr.', born:1968})

CREATE (KevinP:Person {name:'Kevin Pollak', born:1957})

CREATE (JTW:Person {name:'J.T. Walsh', born:1943})

CREATE (JamesM:Person {name:'James Marshall', born:1967})

CREATE (ChristopherG:Person {name:'Christopher Guest', born:1948})

CREATE (RobR:Person {name:'Rob Reiner', born:1947})

CREATE (AaronS:Person {name:'Aaron Sorkin', born:1961})

CREATE

(TomC)-[:ACTED\_IN {roles:['Lt. Daniel Kaffee']}]->(AFewGoodMen),

(JackN)-[:ACTED\_IN {roles:['Col. Nathan R. Jessup']}]->(AFewGoodMen),

(DemiM)-[:ACTED\_IN {roles:['Lt. Cdr. JoAnne Galloway']}]->(AFewGoodMen),

(KevinB)-[:ACTED\_IN {roles:['Capt. Jack Ross']}]->(AFewGoodMen),

(KieferS)-[:ACTED\_IN {roles:['Lt. Jonathan Kendrick']}]->(AFewGoodMen),

(NoahW)-[:ACTED\_IN {roles:['Cpl. Jeffrey Barnes']}]->(AFewGoodMen),

(CubaG)-[:ACTED\_IN {roles:['Cpl. Carl Hammaker']}]->(AFewGoodMen),

(KevinP)-[:ACTED\_IN {roles:['Lt. Sam Weinberg']}]->(AFewGoodMen),

(JTW)-[:ACTED\_IN {roles:['Lt. Col. Matthew Andrew Markinson']}]->(AFewGoodMen),

(JamesM)-[:ACTED\_IN {roles:['Pfc. Louden Downey']}]->(AFewGoodMen),

(ChristopherG)-[:ACTED\_IN {roles:['Dr. Stone']}]->(AFewGoodMen),

(AaronS)-[:ACTED\_IN {roles:['Man in Bar']}]->(AFewGoodMen),

(RobR)-[:DIRECTED]->(AFewGoodMen),

(AaronS)-[:WROTE]->(AFewGoodMen)

CREATE (TopGun:Movie {title:"Top Gun", released:1986, tagline:'I feel the need, the need for speed.'})

CREATE (KellyM:Person {name:'Kelly McGillis', born:1957})

CREATE (ValK:Person {name:'Val Kilmer', born:1959})

CREATE (AnthonyE:Person {name:'Anthony Edwards', born:1962})

CREATE (TomS:Person {name:'Tom Skerritt', born:1933})

CREATE (MegR:Person {name:'Meg Ryan', born:1961})

CREATE (TonyS:Person {name:'Tony Scott', born:1944})

CREATE (JimC:Person {name:'Jim Cash', born:1941})

CREATE

(TomC)-[:ACTED\_IN {roles:['Maverick']}]->(TopGun),

(KellyM)-[:ACTED\_IN {roles:['Charlie']}]->(TopGun),

(ValK)-[:ACTED\_IN {roles:['Iceman']}]->(TopGun),

(AnthonyE)-[:ACTED\_IN {roles:['Goose']}]->(TopGun),

(TomS)-[:ACTED\_IN {roles:['Viper']}]->(TopGun),

(MegR)-[:ACTED\_IN {roles:['Carole']}]->(TopGun),

(TonyS)-[:DIRECTED]->(TopGun),

(JimC)-[:WROTE]->(TopGun)

CREATE (JerryMaguire:Movie {title:'Jerry Maguire', released:2000, tagline:'The rest of his life begins now.'})

CREATE (ReneeZ:Person {name:'Renee Zellweger', born:1969})

CREATE (KellyP:Person {name:'Kelly Preston', born:1962})

CREATE (JerryO:Person {name:"Jerry O'Connell", born:1974})

CREATE (JayM:Person {name:'Jay Mohr', born:1970})

CREATE (BonnieH:Person {name:'Bonnie Hunt', born:1961})

CREATE (ReginaK:Person {name:'Regina King', born:1971})

CREATE (JonathanL:Person {name:'Jonathan Lipnicki', born:1996})

CREATE (CameronC:Person {name:'Cameron Crowe', born:1957})

CREATE

(TomC)-[:ACTED\_IN {roles:['Jerry Maguire']}]->(JerryMaguire),

(CubaG)-[:ACTED\_IN {roles:['Rod Tidwell']}]->(JerryMaguire),

(ReneeZ)-[:ACTED\_IN {roles:['Dorothy Boyd']}]->(JerryMaguire),

(KellyP)-[:ACTED\_IN {roles:['Avery Bishop']}]->(JerryMaguire),

(JerryO)-[:ACTED\_IN {roles:['Frank Cushman']}]->(JerryMaguire),

(JayM)-[:ACTED\_IN {roles:['Bob Sugar']}]->(JerryMaguire),

(BonnieH)-[:ACTED\_IN {roles:['Laurel Boyd']}]->(JerryMaguire),

(ReginaK)-[:ACTED\_IN {roles:['Marcee Tidwell']}]->(JerryMaguire),

(JonathanL)-[:ACTED\_IN {roles:['Ray Boyd']}]->(JerryMaguire),

(CameronC)-[:DIRECTED]->(JerryMaguire),

(CameronC)-[:PRODUCED]->(JerryMaguire),

(CameronC)-[:WROTE]->(JerryMaguire)

CREATE (StandByMe:Movie {title:"Stand By Me", released:1986, tagline:"For some, it's the last real taste of innocence, and the first real taste of life. But for everyone, it's the time that memories are made of."})

CREATE (RiverP:Person {name:'River Phoenix', born:1970})

CREATE (CoreyF:Person {name:'Corey Feldman', born:1971})

CREATE (WilW:Person {name:'Wil Wheaton', born:1972})

CREATE (JohnC:Person {name:'John Cusack', born:1966})

CREATE (MarshallB:Person {name:'Marshall Bell', born:1942})

CREATE

(WilW)-[:ACTED\_IN {roles:['Gordie Lachance']}]->(StandByMe),

(RiverP)-[:ACTED\_IN {roles:['Chris Chambers']}]->(StandByMe),

(JerryO)-[:ACTED\_IN {roles:['Vern Tessio']}]->(StandByMe),

(CoreyF)-[:ACTED\_IN {roles:['Teddy Duchamp']}]->(StandByMe),

(JohnC)-[:ACTED\_IN {roles:['Denny Lachance']}]->(StandByMe),

(KieferS)-[:ACTED\_IN {roles:['Ace Merrill']}]->(StandByMe),

(MarshallB)-[:ACTED\_IN {roles:['Mr. Lachance']}]->(StandByMe),

(RobR)-[:DIRECTED]->(StandByMe)

CREATE (AsGoodAsItGets:Movie {title:'As Good as It Gets', released:1997, tagline:'A comedy from the heart that goes for the throat.'})

CREATE (HelenH:Person {name:'Helen Hunt', born:1963})

CREATE (GregK:Person {name:'Greg Kinnear', born:1963})

CREATE (JamesB:Person {name:'James L. Brooks', born:1940})

CREATE

(JackN)-[:ACTED\_IN {roles:['Melvin Udall']}]->(AsGoodAsItGets),

(HelenH)-[:ACTED\_IN {roles:['Carol Connelly']}]->(AsGoodAsItGets),

(GregK)-[:ACTED\_IN {roles:['Simon Bishop']}]->(AsGoodAsItGets),

(CubaG)-[:ACTED\_IN {roles:['Frank Sachs']}]->(AsGoodAsItGets),

(JamesB)-[:DIRECTED]->(AsGoodAsItGets)

CREATE (WhatDreamsMayCome:Movie {title:'What Dreams May Come', released:1998, tagline:'After life there is more. The end is just the beginning.'})

CREATE (AnnabellaS:Person {name:'Annabella Sciorra', born:1960})

CREATE (MaxS:Person {name:'Max von Sydow', born:1929})

CREATE (WernerH:Person {name:'Werner Herzog', born:1942})

CREATE (Robin:Person {name:'Robin Williams', born:1951})

CREATE (VincentW:Person {name:'Vincent Ward', born:1956})

CREATE

(Robin)-[:ACTED\_IN {roles:['Chris Nielsen']}]->(WhatDreamsMayCome),

(CubaG)-[:ACTED\_IN {roles:['Albert Lewis']}]->(WhatDreamsMayCome),

(AnnabellaS)-[:ACTED\_IN {roles:['Annie Collins-Nielsen']}]->(WhatDreamsMayCome),

(MaxS)-[:ACTED\_IN {roles:['The Tracker']}]->(WhatDreamsMayCome),

(WernerH)-[:ACTED\_IN {roles:['The Face']}]->(WhatDreamsMayCome),

(VincentW)-[:DIRECTED]->(WhatDreamsMayCome)

CREATE (SnowFallingonCedars:Movie {title:'Snow Falling on Cedars', released:1999, tagline:'First loves last. Forever.'})

CREATE (EthanH:Person {name:'Ethan Hawke', born:1970})

CREATE (RickY:Person {name:'Rick Yune', born:1971})

CREATE (JamesC:Person {name:'James Cromwell', born:1940})

CREATE (ScottH:Person {name:'Scott Hicks', born:1953})

CREATE

(EthanH)-[:ACTED\_IN {roles:['Ishmael Chambers']}]->(SnowFallingonCedars),

(RickY)-[:ACTED\_IN {roles:['Kazuo Miyamoto']}]->(SnowFallingonCedars),

(MaxS)-[:ACTED\_IN {roles:['Nels Gudmundsson']}]->(SnowFallingonCedars),

(JamesC)-[:ACTED\_IN {roles:['Judge Fielding']}]->(SnowFallingonCedars),

(ScottH)-[:DIRECTED]->(SnowFallingonCedars)

CREATE (YouveGotMail:Movie {title:"You've Got Mail", released:1998, tagline:'At odds in life... in love on-line.'})

CREATE (ParkerP:Person {name:'Parker Posey', born:1968})

CREATE (DaveC:Person {name:'Dave Chappelle', born:1973})

CREATE (SteveZ:Person {name:'Steve Zahn', born:1967})

CREATE (TomH:Person {name:'Tom Hanks', born:1956})

CREATE (NoraE:Person {name:'Nora Ephron', born:1941})

CREATE

(TomH)-[:ACTED\_IN {roles:['Joe Fox']}]->(YouveGotMail),

(MegR)-[:ACTED\_IN {roles:['Kathleen Kelly']}]->(YouveGotMail),

(GregK)-[:ACTED\_IN {roles:['Frank Navasky']}]->(YouveGotMail),

(ParkerP)-[:ACTED\_IN {roles:['Patricia Eden']}]->(YouveGotMail),

(DaveC)-[:ACTED\_IN {roles:['Kevin Jackson']}]->(YouveGotMail),

(SteveZ)-[:ACTED\_IN {roles:['George Pappas']}]->(YouveGotMail),

(NoraE)-[:DIRECTED]->(YouveGotMail)

CREATE (SleeplessInSeattle:Movie {title:'Sleepless in Seattle', released:1993, tagline:'What if someone you never met, someone you never saw, someone you never knew was the only someone for you?'})

CREATE (RitaW:Person {name:'Rita Wilson', born:1956})

CREATE (BillPull:Person {name:'Bill Pullman', born:1953})

CREATE (VictorG:Person {name:'Victor Garber', born:1949})

CREATE (RosieO:Person {name:"Rosie O'Donnell", born:1962})

CREATE

(TomH)-[:ACTED\_IN {roles:['Sam Baldwin']}]->(SleeplessInSeattle),

(MegR)-[:ACTED\_IN {roles:['Annie Reed']}]->(SleeplessInSeattle),

(RitaW)-[:ACTED\_IN {roles:['Suzy']}]->(SleeplessInSeattle),

(BillPull)-[:ACTED\_IN {roles:['Walter']}]->(SleeplessInSeattle),

(VictorG)-[:ACTED\_IN {roles:['Greg']}]->(SleeplessInSeattle),

(RosieO)-[:ACTED\_IN {roles:['Becky']}]->(SleeplessInSeattle),

(NoraE)-[:DIRECTED]->(SleeplessInSeattle)

CREATE (JoeVersustheVolcano:Movie {title:'Joe Versus the Volcano', released:1990, tagline:'A story of love, lava and burning desire.'})

CREATE (JohnS:Person {name:'John Patrick Stanley', born:1950})

CREATE (Nathan:Person {name:'Nathan Lane', born:1956})

CREATE

(TomH)-[:ACTED\_IN {roles:['Joe Banks']}]->(JoeVersustheVolcano),

(MegR)-[:ACTED\_IN {roles:['DeDe', 'Angelica Graynamore', 'Patricia Graynamore']}]->(JoeVersustheVolcano),

(Nathan)-[:ACTED\_IN {roles:['Baw']}]->(JoeVersustheVolcano),

(JohnS)-[:DIRECTED]->(JoeVersustheVolcano)

CREATE (WhenHarryMetSally:Movie {title:'When Harry Met Sally', released:1998, tagline:'Can two friends sleep together and still love each other in the morning?'})

CREATE (BillyC:Person {name:'Billy Crystal', born:1948})

CREATE (CarrieF:Person {name:'Carrie Fisher', born:1956})

CREATE (BrunoK:Person {name:'Bruno Kirby', born:1949})

CREATE

(BillyC)-[:ACTED\_IN {roles:['Harry Burns']}]->(WhenHarryMetSally),

(MegR)-[:ACTED\_IN {roles:['Sally Albright']}]->(WhenHarryMetSally),

(CarrieF)-[:ACTED\_IN {roles:['Marie']}]->(WhenHarryMetSally),

(BrunoK)-[:ACTED\_IN {roles:['Jess']}]->(WhenHarryMetSally),

(RobR)-[:DIRECTED]->(WhenHarryMetSally),

(RobR)-[:PRODUCED]->(WhenHarryMetSally),

(NoraE)-[:PRODUCED]->(WhenHarryMetSally),

(NoraE)-[:WROTE]->(WhenHarryMetSally)

CREATE (ThatThingYouDo:Movie {title:'That Thing You Do', released:1996, tagline:'In every life there comes a time when that thing you dream becomes that thing you do'})

CREATE (LivT:Person {name:'Liv Tyler', born:1977})

CREATE

(TomH)-[:ACTED\_IN {roles:['Mr. White']}]->(ThatThingYouDo),

(LivT)-[:ACTED\_IN {roles:['Faye Dolan']}]->(ThatThingYouDo),

(Charlize)-[:ACTED\_IN {roles:['Tina']}]->(ThatThingYouDo),

(TomH)-[:DIRECTED]->(ThatThingYouDo)

CREATE (TheReplacements:Movie {title:'The Replacements', released:2000, tagline:'Pain heals, Chicks dig scars... Glory lasts forever'})

CREATE (Brooke:Person {name:'Brooke Langton', born:1970})

CREATE (Gene:Person {name:'Gene Hackman', born:1930})

CREATE (Orlando:Person {name:'Orlando Jones', born:1968})

CREATE (Howard:Person {name:'Howard Deutch', born:1950})

CREATE

(Keanu)-[:ACTED\_IN {roles:['Shane Falco']}]->(TheReplacements),

(Brooke)-[:ACTED\_IN {roles:['Annabelle Farrell']}]->(TheReplacements),

(Gene)-[:ACTED\_IN {roles:['Jimmy McGinty']}]->(TheReplacements),

(Orlando)-[:ACTED\_IN {roles:['Clifford Franklin']}]->(TheReplacements),

(Howard)-[:DIRECTED]->(TheReplacements)

CREATE (RescueDawn:Movie {title:'RescueDawn', released:2006, tagline:"Based on the extraordinary true story of one man's fight for freedom"})

CREATE (ChristianB:Person {name:'Christian Bale', born:1974})

CREATE (ZachG:Person {name:'Zach Grenier', born:1954})

CREATE

(MarshallB)-[:ACTED\_IN {roles:['Admiral']}]->(RescueDawn),

(ChristianB)-[:ACTED\_IN {roles:['Dieter Dengler']}]->(RescueDawn),

(ZachG)-[:ACTED\_IN {roles:['Squad Leader']}]->(RescueDawn),

(SteveZ)-[:ACTED\_IN {roles:['Duane']}]->(RescueDawn),

(WernerH)-[:DIRECTED]->(RescueDawn)

CREATE (TheBirdcage:Movie {title:'The Birdcage', released:1996, tagline:'Come as you are'})

CREATE (MikeN:Person {name:'Mike Nichols', born:1931})

CREATE

(Robin)-[:ACTED\_IN {roles:['Armand Goldman']}]->(TheBirdcage),

(Nathan)-[:ACTED\_IN {roles:['Albert Goldman']}]->(TheBirdcage),

(Gene)-[:ACTED\_IN {roles:['Sen. Kevin Keeley']}]->(TheBirdcage),

(MikeN)-[:DIRECTED]->(TheBirdcage)

CREATE (Unforgiven:Movie {title:'Unforgiven', released:1992, tagline:"It's a hell of a thing, killing a man"})

CREATE (RichardH:Person {name:'Richard Harris', born:1930})

CREATE (ClintE:Person {name:'Clint Eastwood', born:1930})

CREATE

(RichardH)-[:ACTED\_IN {roles:['English Bob']}]->(Unforgiven),

(ClintE)-[:ACTED\_IN {roles:['Bill Munny']}]->(Unforgiven),

(Gene)-[:ACTED\_IN {roles:['Little Bill Daggett']}]->(Unforgiven),

(ClintE)-[:DIRECTED]->(Unforgiven)

CREATE (JohnnyMnemonic:Movie {title:'Johnny Mnemonic', released:1995, tagline:'The hottest data on earth. In the coolest head in town'})

CREATE (Takeshi:Person {name:'Takeshi Kitano', born:1947})

CREATE (Dina:Person {name:'Dina Meyer', born:1968})

CREATE (IceT:Person {name:'Ice-T', born:1958})

CREATE (RobertL:Person {name:'Robert Longo', born:1953})

CREATE

(Keanu)-[:ACTED\_IN {roles:['Johnny Mnemonic']}]->(JohnnyMnemonic),

(Takeshi)-[:ACTED\_IN {roles:['Takahashi']}]->(JohnnyMnemonic),

(Dina)-[:ACTED\_IN {roles:['Jane']}]->(JohnnyMnemonic),

(IceT)-[:ACTED\_IN {roles:['J-Bone']}]->(JohnnyMnemonic),

(RobertL)-[:DIRECTED]->(JohnnyMnemonic)

CREATE (CloudAtlas:Movie {title:'Cloud Atlas', released:2012, tagline:'Everything is connected'})

CREATE (HalleB:Person {name:'Halle Berry', born:1966})

CREATE (JimB:Person {name:'Jim Broadbent', born:1949})

CREATE (TomT:Person {name:'Tom Tykwer', born:1965})

CREATE (DavidMitchell:Person {name:'David Mitchell', born:1969})

CREATE (StefanArndt:Person {name:'Stefan Arndt', born:1961})

CREATE

(TomH)-[:ACTED\_IN {roles:['Zachry', 'Dr. Henry Goose', 'Isaac Sachs', 'Dermot Hoggins']}]->(CloudAtlas),

(Hugo)-[:ACTED\_IN {roles:['Bill Smoke', 'Haskell Moore', 'Tadeusz Kesselring', 'Nurse Noakes', 'Boardman Mephi', 'Old Georgie']}]->(CloudAtlas),

(HalleB)-[:ACTED\_IN {roles:['Luisa Rey', 'Jocasta Ayrs', 'Ovid', 'Meronym']}]->(CloudAtlas),

(JimB)-[:ACTED\_IN {roles:['Vyvyan Ayrs', 'Captain Molyneux', 'Timothy Cavendish']}]->(CloudAtlas),

(TomT)-[:DIRECTED]->(CloudAtlas),

(LillyW)-[:DIRECTED]->(CloudAtlas),

(LanaW)-[:DIRECTED]->(CloudAtlas),

(DavidMitchell)-[:WROTE]->(CloudAtlas),

(StefanArndt)-[:PRODUCED]->(CloudAtlas)

CREATE (TheDaVinciCode:Movie {title:'The Da Vinci Code', released:2006, tagline:'Break The Codes'})

CREATE (IanM:Person {name:'Ian McKellen', born:1939})

CREATE (AudreyT:Person {name:'Audrey Tautou', born:1976})

CREATE (PaulB:Person {name:'Paul Bettany', born:1971})

CREATE (RonH:Person {name:'Ron Howard', born:1954})

CREATE

(TomH)-[:ACTED\_IN {roles:['Dr. Robert Langdon']}]->(TheDaVinciCode),

(IanM)-[:ACTED\_IN {roles:['Sir Leight Teabing']}]->(TheDaVinciCode),

(AudreyT)-[:ACTED\_IN {roles:['Sophie Neveu']}]->(TheDaVinciCode),

(PaulB)-[:ACTED\_IN {roles:['Silas']}]->(TheDaVinciCode),

(RonH)-[:DIRECTED]->(TheDaVinciCode)

CREATE (VforVendetta:Movie {title:'V for Vendetta', released:2006, tagline:'Freedom! Forever!'})

CREATE (NatalieP:Person {name:'Natalie Portman', born:1981})

CREATE (StephenR:Person {name:'Stephen Rea', born:1946})

CREATE (JohnH:Person {name:'John Hurt', born:1940})

CREATE (BenM:Person {name: 'Ben Miles', born:1967})

CREATE

(Hugo)-[:ACTED\_IN {roles:['V']}]->(VforVendetta),

(NatalieP)-[:ACTED\_IN {roles:['Evey Hammond']}]->(VforVendetta),

(StephenR)-[:ACTED\_IN {roles:['Eric Finch']}]->(VforVendetta),

(JohnH)-[:ACTED\_IN {roles:['High Chancellor Adam Sutler']}]->(VforVendetta),

(BenM)-[:ACTED\_IN {roles:['Dascomb']}]->(VforVendetta),

(JamesM)-[:DIRECTED]->(VforVendetta),

(LillyW)-[:PRODUCED]->(VforVendetta),

(LanaW)-[:PRODUCED]->(VforVendetta),

(JoelS)-[:PRODUCED]->(VforVendetta),

(LillyW)-[:WROTE]->(VforVendetta),

(LanaW)-[:WROTE]->(VforVendetta)

CREATE (SpeedRacer:Movie {title:'Speed Racer', released:2008, tagline:'Speed has no limits'})

CREATE (EmileH:Person {name:'Emile Hirsch', born:1985})

CREATE (JohnG:Person {name:'John Goodman', born:1960})

CREATE (SusanS:Person {name:'Susan Sarandon', born:1946})

CREATE (MatthewF:Person {name:'Matthew Fox', born:1966})

CREATE (ChristinaR:Person {name:'Christina Ricci', born:1980})

CREATE (Rain:Person {name:'Rain', born:1982})

CREATE

(EmileH)-[:ACTED\_IN {roles:['Speed Racer']}]->(SpeedRacer),

(JohnG)-[:ACTED\_IN {roles:['Pops']}]->(SpeedRacer),

(SusanS)-[:ACTED\_IN {roles:['Mom']}]->(SpeedRacer),

(MatthewF)-[:ACTED\_IN {roles:['Racer X']}]->(SpeedRacer),

(ChristinaR)-[:ACTED\_IN {roles:['Trixie']}]->(SpeedRacer),

(Rain)-[:ACTED\_IN {roles:['Taejo Togokahn']}]->(SpeedRacer),

(BenM)-[:ACTED\_IN {roles:['Cass Jones']}]->(SpeedRacer),

(LillyW)-[:DIRECTED]->(SpeedRacer),

(LanaW)-[:DIRECTED]->(SpeedRacer),

(LillyW)-[:WROTE]->(SpeedRacer),

(LanaW)-[:WROTE]->(SpeedRacer),

(JoelS)-[:PRODUCED]->(SpeedRacer)

CREATE (NinjaAssassin:Movie {title:'Ninja Assassin', released:2009, tagline:'Prepare to enter a secret world of assassins'})

CREATE (NaomieH:Person {name:'Naomie Harris'})

CREATE

(Rain)-[:ACTED\_IN {roles:['Raizo']}]->(NinjaAssassin),

(NaomieH)-[:ACTED\_IN {roles:['Mika Coretti']}]->(NinjaAssassin),

(RickY)-[:ACTED\_IN {roles:['Takeshi']}]->(NinjaAssassin),

(BenM)-[:ACTED\_IN {roles:['Ryan Maslow']}]->(NinjaAssassin),

(JamesM)-[:DIRECTED]->(NinjaAssassin),

(LillyW)-[:PRODUCED]->(NinjaAssassin),

(LanaW)-[:PRODUCED]->(NinjaAssassin),

(JoelS)-[:PRODUCED]->(NinjaAssassin)

CREATE (TheGreenMile:Movie {title:'The Green Mile', released:1999, tagline:"Walk a mile you'll never forget."})

CREATE (MichaelD:Person {name:'Michael Clarke Duncan', born:1957})

CREATE (DavidM:Person {name:'David Morse', born:1953})

CREATE (SamR:Person {name:'Sam Rockwell', born:1968})

CREATE (GaryS:Person {name:'Gary Sinise', born:1955})

CREATE (PatriciaC:Person {name:'Patricia Clarkson', born:1959})

CREATE (FrankD:Person {name:'Frank Darabont', born:1959})

CREATE

(TomH)-[:ACTED\_IN {roles:['Paul Edgecomb']}]->(TheGreenMile),

(MichaelD)-[:ACTED\_IN {roles:['John Coffey']}]->(TheGreenMile),

(DavidM)-[:ACTED\_IN {roles:['Brutus "Brutal" Howell']}]->(TheGreenMile),

(BonnieH)-[:ACTED\_IN {roles:['Jan Edgecomb']}]->(TheGreenMile),

(JamesC)-[:ACTED\_IN {roles:['Warden Hal Moores']}]->(TheGreenMile),

(SamR)-[:ACTED\_IN {roles:['"Wild Bill" Wharton']}]->(TheGreenMile),

(GaryS)-[:ACTED\_IN {roles:['Burt Hammersmith']}]->(TheGreenMile),

(PatriciaC)-[:ACTED\_IN {roles:['Melinda Moores']}]->(TheGreenMile),

(FrankD)-[:DIRECTED]->(TheGreenMile)

CREATE (FrostNixon:Movie {title:'Frost/Nixon', released:2008, tagline:'400 million people were waiting for the truth.'})

CREATE (FrankL:Person {name:'Frank Langella', born:1938})

CREATE (MichaelS:Person {name:'Michael Sheen', born:1969})

CREATE (OliverP:Person {name:'Oliver Platt', born:1960})

CREATE

(FrankL)-[:ACTED\_IN {roles:['Richard Nixon']}]->(FrostNixon),

(MichaelS)-[:ACTED\_IN {roles:['David Frost']}]->(FrostNixon),

(KevinB)-[:ACTED\_IN {roles:['Jack Brennan']}]->(FrostNixon),

(OliverP)-[:ACTED\_IN {roles:['Bob Zelnick']}]->(FrostNixon),

(SamR)-[:ACTED\_IN {roles:['James Reston, Jr.']}]->(FrostNixon),

(RonH)-[:DIRECTED]->(FrostNixon)

CREATE (Hoffa:Movie {title:'Hoffa', released:1992, tagline:"He didn't want law. He wanted justice."})

CREATE (DannyD:Person {name:'Danny DeVito', born:1944})

CREATE (JohnR:Person {name:'John C. Reilly', born:1965})

CREATE

(JackN)-[:ACTED\_IN {roles:['Hoffa']}]->(Hoffa),

(DannyD)-[:ACTED\_IN {roles:['Robert "Bobby" Ciaro']}]->(Hoffa),

(JTW)-[:ACTED\_IN {roles:['Frank Fitzsimmons']}]->(Hoffa),

(JohnR)-[:ACTED\_IN {roles:['Peter "Pete" Connelly']}]->(Hoffa),

(DannyD)-[:DIRECTED]->(Hoffa)

CREATE (Apollo13:Movie {title:'Apollo 13', released:1995, tagline:'Houston, we have a problem.'})

CREATE (EdH:Person {name:'Ed Harris', born:1950})

CREATE (BillPax:Person {name:'Bill Paxton', born:1955})

CREATE

(TomH)-[:ACTED\_IN {roles:['Jim Lovell']}]->(Apollo13),

(KevinB)-[:ACTED\_IN {roles:['Jack Swigert']}]->(Apollo13),

(EdH)-[:ACTED\_IN {roles:['Gene Kranz']}]->(Apollo13),

(BillPax)-[:ACTED\_IN {roles:['Fred Haise']}]->(Apollo13),

(GaryS)-[:ACTED\_IN {roles:['Ken Mattingly']}]->(Apollo13),

(RonH)-[:DIRECTED]->(Apollo13)

CREATE (Twister:Movie {title:'Twister', released:1996, tagline:"Don't Breathe. Don't Look Back."})

CREATE (PhilipH:Person {name:'Philip Seymour Hoffman', born:1967})

CREATE (JanB:Person {name:'Jan de Bont', born:1943})

CREATE

(BillPax)-[:ACTED\_IN {roles:['Bill Harding']}]->(Twister),

(HelenH)-[:ACTED\_IN {roles:['Dr. Jo Harding']}]->(Twister),

(ZachG)-[:ACTED\_IN {roles:['Eddie']}]->(Twister),

(PhilipH)-[:ACTED\_IN {roles:['Dustin "Dusty" Davis']}]->(Twister),

(JanB)-[:DIRECTED]->(Twister)

CREATE (CastAway:Movie {title:'Cast Away', released:2000, tagline:'At the edge of the world, his journey begins.'})

CREATE (RobertZ:Person {name:'Robert Zemeckis', born:1951})

CREATE

(TomH)-[:ACTED\_IN {roles:['Chuck Noland']}]->(CastAway),

(HelenH)-[:ACTED\_IN {roles:['Kelly Frears']}]->(CastAway),

(RobertZ)-[:DIRECTED]->(CastAway)

CREATE (OneFlewOvertheCuckoosNest:Movie {title:"One Flew Over the Cuckoo's Nest", released:1975, tagline:"If he's crazy, what does that make you?"})

CREATE (MilosF:Person {name:'Milos Forman', born:1932})

CREATE

(JackN)-[:ACTED\_IN {roles:['Randle McMurphy']}]->(OneFlewOvertheCuckoosNest),

(DannyD)-[:ACTED\_IN {roles:['Martini']}]->(OneFlewOvertheCuckoosNest),

(MilosF)-[:DIRECTED]->(OneFlewOvertheCuckoosNest)

CREATE (SomethingsGottaGive:Movie {title:"Something's Gotta Give", released:2003})

CREATE (DianeK:Person {name:'Diane Keaton', born:1946})

CREATE (NancyM:Person {name:'Nancy Meyers', born:1949})

CREATE

(JackN)-[:ACTED\_IN {roles:['Harry Sanborn']}]->(SomethingsGottaGive),

(DianeK)-[:ACTED\_IN {roles:['Erica Barry']}]->(SomethingsGottaGive),

(Keanu)-[:ACTED\_IN {roles:['Julian Mercer']}]->(SomethingsGottaGive),

(NancyM)-[:DIRECTED]->(SomethingsGottaGive),

(NancyM)-[:PRODUCED]->(SomethingsGottaGive),

(NancyM)-[:WROTE]->(SomethingsGottaGive)

CREATE (BicentennialMan:Movie {title:'Bicentennial Man', released:1999, tagline:"One robot's 200 year journey to become an ordinary man."})

CREATE (ChrisC:Person {name:'Chris Columbus', born:1958})

CREATE

(Robin)-[:ACTED\_IN {roles:['Andrew Marin']}]->(BicentennialMan),

(OliverP)-[:ACTED\_IN {roles:['Rupert Burns']}]->(BicentennialMan),

(ChrisC)-[:DIRECTED]->(BicentennialMan)

CREATE (CharlieWilsonsWar:Movie {title:"Charlie Wilson's War", released:2007, tagline:"A stiff drink. A little mascara. A lot of nerve. Who said they couldn't bring down the Soviet empire."})

CREATE (JuliaR:Person {name:'Julia Roberts', born:1967})

CREATE

(TomH)-[:ACTED\_IN {roles:['Rep. Charlie Wilson']}]->(CharlieWilsonsWar),

(JuliaR)-[:ACTED\_IN {roles:['Joanne Herring']}]->(CharlieWilsonsWar),

(PhilipH)-[:ACTED\_IN {roles:['Gust Avrakotos']}]->(CharlieWilsonsWar),

(MikeN)-[:DIRECTED]->(CharlieWilsonsWar)

CREATE (ThePolarExpress:Movie {title:'The Polar Express', released:2004, tagline:'This Holiday Season... Believe'})

CREATE

(TomH)-[:ACTED\_IN {roles:['Hero Boy', 'Father', 'Conductor', 'Hobo', 'Scrooge', 'Santa Claus']}]->(ThePolarExpress),

(RobertZ)-[:DIRECTED]->(ThePolarExpress)

CREATE (ALeagueofTheirOwn:Movie {title:'A League of Their Own', released:1992, tagline:'Once in a lifetime you get a chance to do something different.'})

CREATE (Madonna:Person {name:'Madonna', born:1954})

CREATE (GeenaD:Person {name:'Geena Davis', born:1956})

CREATE (LoriP:Person {name:'Lori Petty', born:1963})

CREATE (PennyM:Person {name:'Penny Marshall', born:1943})

CREATE

(TomH)-[:ACTED\_IN {roles:['Jimmy Dugan']}]->(ALeagueofTheirOwn),

(GeenaD)-[:ACTED\_IN {roles:['Dottie Hinson']}]->(ALeagueofTheirOwn),

(LoriP)-[:ACTED\_IN {roles:['Kit Keller']}]->(ALeagueofTheirOwn),

(RosieO)-[:ACTED\_IN {roles:['Doris Murphy']}]->(ALeagueofTheirOwn),

(Madonna)-[:ACTED\_IN {roles:['"All the Way" Mae Mordabito']}]->(ALeagueofTheirOwn),

(BillPax)-[:ACTED\_IN {roles:['Bob Hinson']}]->(ALeagueofTheirOwn),

(PennyM)-[:DIRECTED]->(ALeagueofTheirOwn)

CREATE (PaulBlythe:Person {name:'Paul Blythe'})

CREATE (AngelaScope:Person {name:'Angela Scope'})

CREATE (JessicaThompson:Person {name:'Jessica Thompson'})

CREATE (JamesThompson:Person {name:'James Thompson'})

CREATE

(JamesThompson)-[:FOLLOWS]->(JessicaThompson),

(AngelaScope)-[:FOLLOWS]->(JessicaThompson),

(PaulBlythe)-[:FOLLOWS]->(AngelaScope)

CREATE

(JessicaThompson)-[:REVIEWED {summary:'An amazing journey', rating:95}]->(CloudAtlas),

(JessicaThompson)-[:REVIEWED {summary:'Silly, but fun', rating:65}]->(TheReplacements),

(JamesThompson)-[:REVIEWED {summary:'The coolest football movie ever', rating:100}]->(TheReplacements),

(AngelaScope)-[:REVIEWED {summary:'Pretty funny at times', rating:62}]->(TheReplacements),

(JessicaThompson)-[:REVIEWED {summary:'Dark, but compelling', rating:85}]->(Unforgiven),

(JessicaThompson)-[:REVIEWED {summary:"Slapstick redeemed only by the Robin Williams and Gene Hackman's stellar performances", rating:45}]->(TheBirdcage),

(JessicaThompson)-[:REVIEWED {summary:'A solid romp', rating:68}]->(TheDaVinciCode),

(JamesThompson)-[:REVIEWED {summary:'Fun, but a little far fetched', rating:65}]->(TheDaVinciCode),

(JessicaThompson)-[:REVIEWED {summary:'You had me at Jerry', rating:92}]->(JerryMaguire)

WITH TomH as a

MATCH (a)-[:ACTED\_IN]->(m)<-[:DIRECTED]-(d) RETURN a,m,d LIMIT 10;

CREATE (u0:User{name:"Karen",lastname:"Donna",username:"user0",password:"pass",totalFollowers:20,totalFollowed:60})

CREATE (u1:User{name:"Robert",lastname:"Andrew",username:"user1",password:"pass",totalFollowers:22,totalFollowed:43})

CREATE (u2:User{name:"Jessica",lastname:"Amanda",username:"user2",password:"pass",totalFollowers:58,totalFollowed:21})

CREATE (u3:User{name:"Matthew",lastname:"Jennifer",username:"user3",password:"pass",totalFollowers:32,totalFollowed:24})

CREATE (u4:User{name:"Karen",lastname:"Anthony",username:"user4",password:"pass",totalFollowers:66,totalFollowed:51})

CREATE (u5:User{name:"Steven",lastname:"Michael",username:"user5",password:"pass",totalFollowers:89,totalFollowed:15})

CREATE (u6:User{name:"David",lastname:"Anthony",username:"user6",password:"pass",totalFollowers:83,totalFollowed:21})

CREATE (u7:User{name:"Margaret",lastname:"Emily",username:"user7",password:"pass",totalFollowers:66,totalFollowed:13})

CREATE (u8:User{name:"Donald",lastname:"Richard",username:"user8",password:"pass",totalFollowers:20,totalFollowed:71})

CREATE (u9:User{name:"Daniel",lastname:"Ashley",username:"user9",password:"pass",totalFollowers:24,totalFollowed:72})

CREATE (u10:User{name:"Anthony",lastname:"Carol",username:"user10",password:"pass",totalFollowers:4,totalFollowed:6})

CREATE (u11:User{name:"Matthew",lastname:"Barbara",username:"user11",password:"pass",totalFollowers:5,totalFollowed:73})

CREATE (u12:User{name:"Linda",lastname:"Robert",username:"user12",password:"pass",totalFollowers:69,totalFollowed:4})

CREATE (u13:User{name:"Robert",lastname:"Sarah",username:"user13",password:"pass",totalFollowers:14,totalFollowed:40})

CREATE (u14:User{name:"Christopher",lastname:"Matthew",username:"user14",password:"pass",totalFollowers:41,totalFollowed:64})

CREATE (u15:User{name:"Richard",lastname:"Jessica",username:"user15",password:"pass",totalFollowers:73,totalFollowed:22})

CREATE (u16:User{name:"Donna",lastname:"Daniel",username:"user16",password:"pass",totalFollowers:18,totalFollowed:91})

CREATE (u17:User{name:"Michelle",lastname:"Thomas",username:"user17",password:"pass",totalFollowers:28,totalFollowed:2})

CREATE (u18:User{name:"Betty",lastname:"Christopher",username:"user18",password:"pass",totalFollowers:82,totalFollowed:75})

CREATE (u19:User{name:"Mary",lastname:"Carol",username:"user19",password:"pass",totalFollowers:18,totalFollowed:41})

CREATE (u20:User{name:"Kimberly",lastname:"David",username:"user20",password:"pass",totalFollowers:74,totalFollowed:41})

CREATE (u21:User{name:"Thomas",lastname:"Michael",username:"user21",password:"pass",totalFollowers:59,totalFollowed:53})

CREATE (u22:User{name:"Carol",lastname:"Emily",username:"user22",password:"pass",totalFollowers:23,totalFollowed:0})

CREATE (u23:User{name:"William",lastname:"Michelle",username:"user23",password:"pass",totalFollowers:88,totalFollowed:26})

CREATE (u24:User{name:"Paul",lastname:"Mark",username:"user24",password:"pass",totalFollowers:71,totalFollowed:57})

CREATE (u25:User{name:"Susan",lastname:"Carol",username:"user25",password:"pass",totalFollowers:64,totalFollowed:41})

CREATE (u26:User{name:"Donald",lastname:"Thomas",username:"user26",password:"pass",totalFollowers:59,totalFollowed:86})

CREATE (u27:User{name:"Barbara",lastname:"Christopher",username:"user27",password:"pass",totalFollowers:9,totalFollowed:41})

CREATE (u28:User{name:"Matthew",lastname:"Andrew",username:"user28",password:"pass",totalFollowers:23,totalFollowed:77})

CREATE (u29:User{name:"Margaret",lastname:"James",username:"user29",password:"pass",totalFollowers:91,totalFollowed:28})

CREATE (u0)-[:Follow]->(u11),

(u0)-[:Follow]->(u8),

(u0)-[:Follow]->(u1),

(u0)-[:Follow]->(u27),

(u0)-[:Follow]->(u21),

(u0)-[:Follow]->(u17),

(u0)-[:Follow]->(u10),

(u0)-[:Follow]->(u22),

(u0)-[:Follow]->(u7),

(u0)-[:Follow]->(u2),

(u0)-[:Follow]->(u24),

(u0)-[:Follow]->(u9),

(u0)-[:Follow]->(u12),

(u0)-[:Follow]->(u3),

(u0)-[:Follow]->(u13),

(u0)-[:Follow]->(u23),

(u0)-[:Follow]->(u4),

(u0)-[:Follow]->(u5),

(u0)-[:Follow]->(u6),

(u0)-[:Follow]->(u25),

(u0)-[:Follow]->(u14),

(u0)-[:Follow]->(u15),

(u0)-[:Follow]->(u16),

(u0)-[:Follow]->(u26),

(u0)-[:Follow]->(u18),

(u0)-[:Follow]->(u28),

(u0)-[:Follow]->(u19),

(u0)-[:Follow]->(u20),

(u0)-[:Follow]->(u29),

(u1)-[:Follow]->(u6),

(u1)-[:Follow]->(u5),

(u1)-[:Follow]->(u2),

(u1)-[:Follow]->(u9),

(u1)-[:Follow]->(u13),

(u1)-[:Follow]->(u3),

(u1)-[:Follow]->(u24),

(u2)-[:Follow]->(u15),

(u2)-[:Follow]->(u27),

(u2)-[:Follow]->(u8),

(u2)-[:Follow]->(u14),

(u2)-[:Follow]->(u12),

(u2)-[:Follow]->(u21),

(u2)-[:Follow]->(u28),

(u2)-[:Follow]->(u24),

(u2)-[:Follow]->(u16),

(u2)-[:Follow]->(u17),

(u2)-[:Follow]->(u29),

(u2)-[:Follow]->(u18),

(u2)-[:Follow]->(u19),

(u2)-[:Follow]->(u20),

(u2)-[:Follow]->(u25),

(u2)-[:Follow]->(u13),

(u2)-[:Follow]->(u0),

(u2)-[:Follow]->(u1),

(u2)-[:Follow]->(u23),

(u2)-[:Follow]->(u9),

(u2)-[:Follow]->(u26),

(u3)-[:Follow]->(u11),

(u3)-[:Follow]->(u19),

(u3)-[:Follow]->(u10),

(u3)-[:Follow]->(u16),

(u3)-[:Follow]->(u29),

(u3)-[:Follow]->(u13),

(u3)-[:Follow]->(u12),

(u3)-[:Follow]->(u14),

(u3)-[:Follow]->(u18),

(u4)-[:Follow]->(u10),

(u4)-[:Follow]->(u25),

(u4)-[:Follow]->(u22),

(u4)-[:Follow]->(u12),

(u4)-[:Follow]->(u27),

(u4)-[:Follow]->(u3),

(u5)-[:Follow]->(u16),

(u5)-[:Follow]->(u3),

(u5)-[:Follow]->(u8),

(u5)-[:Follow]->(u24),

(u5)-[:Follow]->(u17),

(u5)-[:Follow]->(u4),

(u5)-[:Follow]->(u10),

(u6)-[:Follow]->(u24),

(u6)-[:Follow]->(u25),

(u6)-[:Follow]->(u14),

(u6)-[:Follow]->(u8),

(u6)-[:Follow]->(u1),

(u6)-[:Follow]->(u22),

(u6)-[:Follow]->(u10),

(u6)-[:Follow]->(u23),

(u6)-[:Follow]->(u7),

(u6)-[:Follow]->(u26),

(u6)-[:Follow]->(u0),

(u6)-[:Follow]->(u12),

(u6)-[:Follow]->(u9),

(u6)-[:Follow]->(u2),

(u6)-[:Follow]->(u11),

(u6)-[:Follow]->(u13),

(u6)-[:Follow]->(u27),

(u7)-[:Follow]->(u6),

(u7)-[:Follow]->(u5),

(u7)-[:Follow]->(u25),

(u7)-[:Follow]->(u26),

(u7)-[:Follow]->(u29),

(u7)-[:Follow]->(u9),

(u7)-[:Follow]->(u10),

(u7)-[:Follow]->(u24),

(u7)-[:Follow]->(u27),

(u7)-[:Follow]->(u28),

(u7)-[:Follow]->(u8),

(u7)-[:Follow]->(u22),

(u7)-[:Follow]->(u0),

(u7)-[:Follow]->(u4),

(u8)-[:Follow]->(u28),

(u8)-[:Follow]->(u23),

(u8)-[:Follow]->(u25),

(u8)-[:Follow]->(u11),

(u8)-[:Follow]->(u19),

(u8)-[:Follow]->(u27),

(u8)-[:Follow]->(u10),

(u8)-[:Follow]->(u17),

(u8)-[:Follow]->(u24),

(u8)-[:Follow]->(u16),

(u8)-[:Follow]->(u18),

(u8)-[:Follow]->(u26),

(u8)-[:Follow]->(u20),

(u8)-[:Follow]->(u29),

(u8)-[:Follow]->(u21),

(u8)-[:Follow]->(u2),

(u8)-[:Follow]->(u22),

(u8)-[:Follow]->(u0),

(u8)-[:Follow]->(u7),

(u8)-[:Follow]->(u4),

(u8)-[:Follow]->(u1),

(u9)-[:Follow]->(u25),

(u9)-[:Follow]->(u3),

(u9)-[:Follow]->(u12),

(u9)-[:Follow]->(u11),

(u9)-[:Follow]->(u8),

(u9)-[:Follow]->(u15),

(u9)-[:Follow]->(u10),

(u9)-[:Follow]->(u0),

(u9)-[:Follow]->(u1),

(u10)-[:Follow]->(u17),

(u10)-[:Follow]->(u7),

(u10)-[:Follow]->(u12),

(u10)-[:Follow]->(u22),

(u10)-[:Follow]->(u24),

(u10)-[:Follow]->(u8),

(u10)-[:Follow]->(u21),

(u10)-[:Follow]->(u23),

(u10)-[:Follow]->(u18),

(u10)-[:Follow]->(u2),

(u10)-[:Follow]->(u20),

(u10)-[:Follow]->(u1),

(u10)-[:Follow]->(u28),

(u10)-[:Follow]->(u11),

(u11)-[:Follow]->(u5),

(u11)-[:Follow]->(u6),

(u11)-[:Follow]->(u16),

(u11)-[:Follow]->(u8),

(u11)-[:Follow]->(u1),

(u11)-[:Follow]->(u9),

(u11)-[:Follow]->(u29),

(u11)-[:Follow]->(u10),

(u11)-[:Follow]->(u22),

(u11)-[:Follow]->(u20),

(u11)-[:Follow]->(u25),

(u11)-[:Follow]->(u19),

(u11)-[:Follow]->(u26),

(u11)-[:Follow]->(u24),

(u11)-[:Follow]->(u4),

(u11)-[:Follow]->(u12),

(u11)-[:Follow]->(u27),

(u11)-[:Follow]->(u28),

(u12)-[:Follow]->(u4),

(u12)-[:Follow]->(u13),

(u12)-[:Follow]->(u20),

(u12)-[:Follow]->(u27),

(u12)-[:Follow]->(u26),

(u12)-[:Follow]->(u14),

(u12)-[:Follow]->(u7),

(u12)-[:Follow]->(u15),

(u12)-[:Follow]->(u16),

(u12)-[:Follow]->(u3),

(u12)-[:Follow]->(u17),

(u13)-[:Follow]->(u2),

(u13)-[:Follow]->(u25),

(u13)-[:Follow]->(u16),

(u13)-[:Follow]->(u29),

(u13)-[:Follow]->(u17),

(u13)-[:Follow]->(u14),

(u13)-[:Follow]->(u26),

(u13)-[:Follow]->(u0),

(u13)-[:Follow]->(u1),

(u13)-[:Follow]->(u23),

(u13)-[:Follow]->(u15),

(u13)-[:Follow]->(u28),

(u13)-[:Follow]->(u27),

(u13)-[:Follow]->(u10),

(u13)-[:Follow]->(u3),

(u13)-[:Follow]->(u4),

(u13)-[:Follow]->(u5),

(u13)-[:Follow]->(u8),

(u13)-[:Follow]->(u6),

(u14)-[:Follow]->(u3),

(u14)-[:Follow]->(u9),

(u14)-[:Follow]->(u26),

(u14)-[:Follow]->(u2),

(u14)-[:Follow]->(u27),

(u14)-[:Follow]->(u4),

(u14)-[:Follow]->(u1),

(u14)-[:Follow]->(u5),

(u14)-[:Follow]->(u8),

(u14)-[:Follow]->(u28),

(u14)-[:Follow]->(u29),

(u14)-[:Follow]->(u24),

(u14)-[:Follow]->(u6),

(u14)-[:Follow]->(u13),

(u14)-[:Follow]->(u7),

(u14)-[:Follow]->(u10),

(u15)-[:Follow]->(u0),

(u15)-[:Follow]->(u12),

(u15)-[:Follow]->(u29),

(u15)-[:Follow]->(u20),

(u15)-[:Follow]->(u21),

(u15)-[:Follow]->(u22),

(u16)-[:Follow]->(u11),

(u17)-[:Follow]->(u25),

(u17)-[:Follow]->(u16),

(u17)-[:Follow]->(u23),

(u17)-[:Follow]->(u18),

(u17)-[:Follow]->(u22),

(u17)-[:Follow]->(u19),

(u17)-[:Follow]->(u26),

(u17)-[:Follow]->(u24),

(u17)-[:Follow]->(u14),

(u17)-[:Follow]->(u21),

(u17)-[:Follow]->(u27),

(u17)-[:Follow]->(u20),

(u17)-[:Follow]->(u6),

(u17)-[:Follow]->(u2),

(u17)-[:Follow]->(u11),

(u17)-[:Follow]->(u28),

(u17)-[:Follow]->(u29),

(u17)-[:Follow]->(u8),

(u17)-[:Follow]->(u0),

(u17)-[:Follow]->(u1),

(u17)-[:Follow]->(u5),

(u17)-[:Follow]->(u13),

(u17)-[:Follow]->(u15),

(u17)-[:Follow]->(u3),

(u17)-[:Follow]->(u4),

(u17)-[:Follow]->(u7),

(u17)-[:Follow]->(u9),

(u17)-[:Follow]->(u10),

(u17)-[:Follow]->(u12),

(u18)-[:Follow]->(u27),

(u18)-[:Follow]->(u6),

(u18)-[:Follow]->(u0),

(u18)-[:Follow]->(u12),

(u18)-[:Follow]->(u3),

(u18)-[:Follow]->(u29),

(u18)-[:Follow]->(u20),

(u18)-[:Follow]->(u24),

(u18)-[:Follow]->(u21),

(u18)-[:Follow]->(u22),

(u18)-[:Follow]->(u13),

(u18)-[:Follow]->(u26),

(u18)-[:Follow]->(u5),

(u18)-[:Follow]->(u23),

(u18)-[:Follow]->(u1),

(u18)-[:Follow]->(u7),

(u18)-[:Follow]->(u15),

(u18)-[:Follow]->(u8),

(u18)-[:Follow]->(u9),

(u18)-[:Follow]->(u11),

(u19)-[:Follow]->(u6),

(u19)-[:Follow]->(u11),

(u19)-[:Follow]->(u7),

(u19)-[:Follow]->(u8),

(u19)-[:Follow]->(u27),

(u19)-[:Follow]->(u23),

(u19)-[:Follow]->(u15),

(u19)-[:Follow]->(u28),

(u19)-[:Follow]->(u29),

(u19)-[:Follow]->(u20),

(u19)-[:Follow]->(u22),

(u20)-[:Follow]->(u19),

(u20)-[:Follow]->(u2),

(u20)-[:Follow]->(u16),

(u20)-[:Follow]->(u29),

(u20)-[:Follow]->(u21),

(u20)-[:Follow]->(u9),

(u20)-[:Follow]->(u8),

(u20)-[:Follow]->(u0),

(u21)-[:Follow]->(u28),

(u21)-[:Follow]->(u25),

(u21)-[:Follow]->(u10),

(u21)-[:Follow]->(u11),

(u21)-[:Follow]->(u22),

(u22)-[:Follow]->(u12),

(u23)-[:Follow]->(u28),

(u23)-[:Follow]->(u19),

(u23)-[:Follow]->(u18),

(u23)-[:Follow]->(u21),

(u23)-[:Follow]->(u11),

(u23)-[:Follow]->(u27),

(u23)-[:Follow]->(u5),

(u23)-[:Follow]->(u13),

(u23)-[:Follow]->(u14),

(u23)-[:Follow]->(u22),

(u23)-[:Follow]->(u15),

(u23)-[:Follow]->(u3),

(u23)-[:Follow]->(u12),

(u23)-[:Follow]->(u6),

(u23)-[:Follow]->(u10),

(u23)-[:Follow]->(u29),

(u23)-[:Follow]->(u0),

(u24)-[:Follow]->(u13),

(u24)-[:Follow]->(u15),

(u24)-[:Follow]->(u6),

(u24)-[:Follow]->(u28),

(u24)-[:Follow]->(u16),

(u24)-[:Follow]->(u25),

(u24)-[:Follow]->(u26),

(u24)-[:Follow]->(u27),

(u24)-[:Follow]->(u11),

(u24)-[:Follow]->(u18),

(u24)-[:Follow]->(u29),

(u24)-[:Follow]->(u0),

(u24)-[:Follow]->(u22),

(u24)-[:Follow]->(u19),

(u24)-[:Follow]->(u23),

(u24)-[:Follow]->(u1),

(u24)-[:Follow]->(u2),

(u24)-[:Follow]->(u10),

(u24)-[:Follow]->(u3),

(u24)-[:Follow]->(u12),

(u24)-[:Follow]->(u14),

(u24)-[:Follow]->(u17),

(u24)-[:Follow]->(u4),

(u24)-[:Follow]->(u5),

(u24)-[:Follow]->(u7),

(u24)-[:Follow]->(u20),

(u24)-[:Follow]->(u21),

(u24)-[:Follow]->(u8),

(u25)-[:Follow]->(u18),

(u26)-[:Follow]->(u27),

(u26)-[:Follow]->(u12),

(u26)-[:Follow]->(u9),

(u26)-[:Follow]->(u11),

(u26)-[:Follow]->(u1),

(u27)-[:Follow]->(u21),

(u27)-[:Follow]->(u15),

(u27)-[:Follow]->(u20),

(u27)-[:Follow]->(u9),

(u27)-[:Follow]->(u10),

(u27)-[:Follow]->(u23),

(u27)-[:Follow]->(u8),

(u27)-[:Follow]->(u22),

(u27)-[:Follow]->(u11),

(u27)-[:Follow]->(u28),

(u27)-[:Follow]->(u24),

(u27)-[:Follow]->(u17),

(u27)-[:Follow]->(u25),

(u27)-[:Follow]->(u26),

(u27)-[:Follow]->(u29),

(u28)-[:Follow]->(u24),

(u28)-[:Follow]->(u13),

(u28)-[:Follow]->(u8),

(u28)-[:Follow]->(u25),

(u28)-[:Follow]->(u29),

(u29)-[:Follow]->(u9),

(u29)-[:Follow]->(u16)

CREATE (b0:Book{name:"Don Quixote Miguel de Cervantes",totalRead:10,point:4.5})

CREATE (b1:Book{name:"Alice's Adventures in Wonderland Lewis Carroll",totalRead:6,point:3.5})

CREATE (b2:Book{name:"The Adventures of Huckleberry Finn Mark Twain",totalRead:2,point:2.8})

CREATE (b3:Book{name:"The Adventures of Tom Sawyer Mark Twain",totalRead:5,point:6.3})

CREATE (b4:Book{name:"Treasure Island Robert Louis Stevenson",totalRead:39,point:1.4})

CREATE (b5:Book{name:"Pride and Prejudice Jane Austen",totalRead:4,point:1.2})

CREATE (b6:Book{name:"Wuthering Heights Emily Brontë",totalRead:7,point:3.4})

CREATE (b7:Book{name:"Jane Eyre Charlotte Brontë",totalRead:23,point:2.1})

CREATE (b8:Book{name:"Moby Dick Herman Melville",totalRead:0,point:0.6})

CREATE (b9:Book{name:"The Scarlet Letter Nathaniel Hawthorne",totalRead:22,point:0.0})

CREATE (b10:Book{name:"Gulliver's Travels Jonathan Swift",totalRead:55,point:0.4})

CREATE (b11:Book{name:"The Pilgrim's Progress John Bunyan",totalRead:2,point:4.9})

CREATE (b12:Book{name:"A Christmas Carol Charles Dickens",totalRead:24,point:0.3})

CREATE (b13:Book{name:"David Copperfield Charles Dickens",totalRead:61,point:1.0})

CREATE (b14:Book{name:"A Tale of Two Cities Charles Dickens",totalRead:3,point:3.6})

CREATE (b15:Book{name:"Little Women Louisa May Alcott",totalRead:9,point:1.3})

CREATE (b16:Book{name:"Great Expectations Charles Dickens",totalRead:36,point:2.4})

CREATE (b17:Book{name:"The Hobbit, or, There and Back Again J.R.R Tolkien",totalRead:42,point:0.2})

CREATE (b18:Book{name:"Frankenstein, or, the Modern Prometheus Mary Shelley",totalRead:3,point:0.8})

CREATE (b19:Book{name:"Oliver Twist Charles Dickens",totalRead:54,point:0.2})

CREATE (b20:Book{name:"Uncle Tom's Cabin Harriet Beecher Stowe",totalRead:4,point:2.5})

CREATE (b21:Book{name:"Crime and Punishment Fyodor Dostoyevsky",totalRead:9,point:2.6})

CREATE (b22:Book{name:"Madame Bovary: Patterns of Provincial life Gustave Flaubert",totalRead:6,point:3.2})

CREATE (b23:Book{name:"The Return of the King J.R.R Tolkien",totalRead:17,point:1.9})

CREATE (b24:Book{name:"Dracula Bram Stoker",totalRead:22,point:0.1})

CREATE (b25:Book{name:"The Three Musketeers Alexandre Dumas",totalRead:15,point:2.5})

CREATE (b26:Book{name:"Brave New World Aldous Huxley",totalRead:25,point:0.1})

CREATE (b27:Book{name:"War and Peace Leo Tolstoy",totalRead:9,point:2.2})

CREATE (b28:Book{name:"To Kill a Mockingbird Harper Lee",totalRead:46,point:2.1})

CREATE (b29:Book{name:"The Wizard of Oz L Frank Baum",totalRead:12,point:0.2})

CREATE (b30:Book{name:"Les Misérables Victor Hugo",totalRead:4,point:0.9})

CREATE (b31:Book{name:"The Secret Garden Frances Hodgson Burnett",totalRead:27,point:8.6})

CREATE (b32:Book{name:"Animal Farm George Orwell",totalRead:9,point:0.4})

CREATE (b33:Book{name:"The Great Gatsby F Scott Fitzgerald",totalRead:15,point:4.6})

CREATE (b34:Book{name:"The Little Prince Antoine de Saint-Exupéry",totalRead:10,point:1.6})

CREATE (b35:Book{name:"The Call of the Wild Jack London",totalRead:7,point:2.8})

CREATE (b36:Book{name:", Leagues Under the Sea Jules Verne",totalRead:26,point:3.1})

CREATE (b37:Book{name:"Anna Karenina Leo Tolstoy",totalRead:60,point:1.9})

CREATE (b38:Book{name:"The Wind in the Willows Kenneth Grahame",totalRead:47,point:0.8})

CREATE (b39:Book{name:"The Picture of Dorian Gray Oscar Wilde",totalRead:20,point:0.3})

CREATE (b40:Book{name:"The Grapes of Wrath John Steinbeck",totalRead:4,point:0.6})

CREATE (b41:Book{name:"Sense and Sensibility Jane Austen",totalRead:21,point:0.3})

CREATE (b42:Book{name:"The Last of the Mohicans James Fenimore Cooper",totalRead:8,point:1.4})

CREATE (b43:Book{name:"Tess of the d'Urbervilles Thomas Hardy",totalRead:17,point:0.4})

CREATE (b44:Book{name:"Harry Potter and the Sorcerer's Stone J.K Rowling",totalRead:29,point:0.1})

CREATE (b45:Book{name:"Heidi Johanna Spyri",totalRead:15,point:2.8})

CREATE (b46:Book{name:"Ulysses James Joyce",totalRead:6,point:0.2})

CREATE (b47:Book{name:"The Complete Sherlock Holmes Arthur Conan Doyle",totalRead:11,point:0.6})

CREATE (b48:Book{name:"The Count of Monte Cristo Alexandre Dumas",totalRead:0,point:3.7})

CREATE (b49:Book{name:"The Old Man and the Sea Ernest Hemingway",totalRead:1,point:1.3})

CREATE (b50:Book{name:"The Lion, the Witch, and the Wardrobe C.S Lewis",totalRead:6,point:0.1})

CREATE (b51:Book{name:"The Hunchback of Notre Dame Victor Hugo",totalRead:10,point:0.4})

CREATE (b52:Book{name:"Pinocchio Carlo Collodi",totalRead:4,point:0.7})

CREATE (b53:Book{name:"One Hundred Years of Solitude Gabriel García Márquez",totalRead:11,point:0.0})

CREATE (b54:Book{name:"Ivanhoe Walter Scott",totalRead:86,point:0.4})

CREATE (b55:Book{name:"The Red Badge of Courage Stephen Crane",totalRead:20,point:0.0})

CREATE (b56:Book{name:"Anne of Green Gables L.M Montgomery",totalRead:83,point:0.3})

CREATE (b57:Book{name:"Black Beauty Anna Sewell",totalRead:9,point:1.6})

CREATE (b58:Book{name:"Peter Pan J.M Barrie",totalRead:5,point:0.8})

CREATE (b59:Book{name:"A Farewell to Arms Ernest Hemingway",totalRead:3,point:2.1})

CREATE (b60:Book{name:"The House of the Seven Gables Nathaniel Hawthorne",totalRead:30,point:2.6})

CREATE (b61:Book{name:"Lord of the Flies William Golding",totalRead:2,point:1.2})

CREATE (b62:Book{name:"The Prince and the Pauper Mark Twain",totalRead:9,point:2.0})

CREATE (b63:Book{name:"A Portrait of the Artist as a Young Man James Joyce",totalRead:14,point:2.5})

CREATE (b64:Book{name:"Lord Jim Joseph Conrad",totalRead:5,point:1.3})

CREATE (b65:Book{name:"Harry Potter and the Chamber of Secrets J.K Rowling",totalRead:9,point:0.9})

CREATE (b66:Book{name:"The Red & the Black Stendhal",totalRead:0,point:0.7})

CREATE (b67:Book{name:"The Stranger Albert Camus",totalRead:10,point:2.0})

CREATE (b68:Book{name:"The Trial Franz Kafka",totalRead:9,point:0.2})

CREATE (b69:Book{name:"Lady Chatterley's Lover D.H Lawrence",totalRead:56,point:0.3})

CREATE (b70:Book{name:"Kidnapped: The Adventures of David Balfour Robert Louis Stevenson",totalRead:4,point:2.3})

CREATE (b71:Book{name:"The Catcher in the Rye J.D Salinger",totalRead:11,point:0.3})

CREATE (b72:Book{name:"Fahrenheit Ray Bradbury",totalRead:3,point:1.5})

CREATE (b73:Book{name:"A Journey to the Center of the Earth Jules Verne",totalRead:2,point:0.0})

CREATE (b74:Book{name:"Vanity Fair William Makepeace Thackeray",totalRead:47,point:2.6})

CREATE (b75:Book{name:"All Quiet on the Western Front Erich Maria Remarque",totalRead:19,point:1.5})

CREATE (b76:Book{name:"Gone with the Wind Margaret Mitchell",totalRead:0,point:5.2})

CREATE (b77:Book{name:"My Ántonia Willa Cather",totalRead:11,point:0.3})

CREATE (b78:Book{name:"Of Mice and Men John Steinbeck",totalRead:26,point:0.6})

CREATE (b79:Book{name:"The Vicar of Wakefield Oliver Goldsmith",totalRead:6,point:0.7})

CREATE (b80:Book{name:"A Connecticut Yankee in King Arthur's Court Mark Twain",totalRead:55,point:3.0})

CREATE (b81:Book{name:"White Fang Jack London",totalRead:17,point:1.1})

CREATE (b82:Book{name:"Fathers and Sons Ivan Sergeevich Turgenev",totalRead:65,point:1.6})

CREATE (b83:Book{name:"Doctor Zhivago Boris Leonidovich Pasternak",totalRead:30,point:3.6})

CREATE (b84:Book{name:"The Decameron Giovanni Boccaccio",totalRead:2,point:2.4})

CREATE (b85:Book{name:"Nineteen Eighty-Four George Orwell",totalRead:25,point:0.0})

CREATE (b86:Book{name:"The Jungle Upton Sinclair",totalRead:38,point:5.2})

CREATE (b87:Book{name:"The Da Vinci Code Dan Brown",totalRead:15,point:0.1})

CREATE (b88:Book{name:"Persuasion Jane Austen",totalRead:3,point:1.9})

CREATE (b89:Book{name:"Mansfield Park Jane Austen",totalRead:6,point:0.4})

CREATE (b90:Book{name:"Candide Voltaire",totalRead:8,point:1.5})

CREATE (b91:Book{name:"For Whom the Bell Tolls Ernest Hemingway",totalRead:3,point:4.0})

CREATE (b92:Book{name:"Far from the Madding Crowd Thomas Hardy",totalRead:10,point:0.5})

CREATE (b93:Book{name:"The Fellowship of the Ring J.R.R Tolkien",totalRead:51,point:0.5})

CREATE (b94:Book{name:"The Return of the Native Thomas Hardy",totalRead:15,point:4.8})

CREATE (b95:Book{name:"Sons and Lovers D.H Lawrence",totalRead:17,point:0.3})

CREATE (b96:Book{name:"Charlotte's Web E.B White",totalRead:33,point:6.4})

CREATE (b97:Book{name:"The Swiss Family Robinson Johann David Wyss",totalRead:3,point:1.4})

CREATE (b98:Book{name:"Bleak House Charles Dickens",totalRead:2,point:2.0})

CREATE (b99:Book{name:"Père Goriot Honoré de Balzac",totalRead:52,point:0.5})

CREATE (b100:Book{name:"Utopia Thomas More",totalRead:10,point:1.2})

CREATE (b101:Book{name:"The History of Tom Jones, a Foundling Henry Fielding",totalRead:4,point:0.4})

CREATE (b102:Book{name:"Harry Potter and the Prisoner of Azkaban J.K Rowling",totalRead:3,point:0.8})

CREATE (b103:Book{name:"Kim Rudyard Kipling",totalRead:6,point:3.4})

CREATE (b104:Book{name:"The Sound and the Fury William Faulkner",totalRead:5,point:2.9})

CREATE (b105:Book{name:"Harry Potter and the Goblet of Fire J.K Rowling",totalRead:19,point:0.6})

CREATE (b106:Book{name:"The Mill on the Floss George Eliot",totalRead:1,point:0.6})

CREATE (b107:Book{name:"A Wrinkle in Time Madeleine L'Engle",totalRead:2,point:0.5})

CREATE (b108:Book{name:"The Hound of the Baskervilles Arthur Conan Doyle",totalRead:0,point:0.5})

CREATE (b109:Book{name:"The Two Towers J.R.R Tolkien",totalRead:19,point:0.1})

CREATE (b110:Book{name:"The War of the Worlds H.G Wells",totalRead:2,point:3.3})

CREATE (b111:Book{name:"Middlemarch George Eliot",totalRead:6,point:0.1})

CREATE (b112:Book{name:"The Age of Innocence Edith Wharton",totalRead:13,point:1.1})

CREATE (b113:Book{name:"The Color Purple Alice Walker",totalRead:13,point:0.5})

CREATE (b114:Book{name:"Northanger Abbey Jane Austen",totalRead:4,point:1.8})

CREATE (b115:Book{name:"East of Eden John Steinbeck",totalRead:29,point:0.6})

CREATE (b116:Book{name:"On the Road Jack Kerouac",totalRead:4,point:0.3})

CREATE (b117:Book{name:"Catch- Joseph Heller",totalRead:21,point:0.6})

CREATE (b118:Book{name:"Around the World in Eighty Days Jules Verne",totalRead:6,point:2.1})

CREATE (b119:Book{name:"Hard Times Charles Dickens",totalRead:20,point:0.9})

CREATE (b120:Book{name:"Beloved Toni Morrison",totalRead:1,point:7.9})

CREATE (b121:Book{name:"Mrs Dalloway Virginia Woolf",totalRead:1,point:4.8})

CREATE (b122:Book{name:"To the Lighthouse Virginia Woolf",totalRead:18,point:2.6})

CREATE (b123:Book{name:"The Magician's Nephew C.S Lewis",totalRead:2,point:0.8})

CREATE (b124:Book{name:"Harry Potter and the Order of the Phoenix J.K Rowling",totalRead:35,point:2.9})

CREATE (b125:Book{name:"The Sun Also Rises Ernest Hemingway",totalRead:9,point:2.1})

CREATE (b126:Book{name:"The Good Earth Pearl S Buck",totalRead:17,point:2.8})

CREATE (b127:Book{name:"Silas Marner George Eliot",totalRead:12,point:1.3})

CREATE (b128:Book{name:"Love in the Time of Cholera Gabriel García Márquez",totalRead:10,point:3.2})

CREATE (b129:Book{name:"Rebecca Daphne Du Maurier",totalRead:52,point:6.1})

CREATE (b130:Book{name:"Jude the Obscure Thomas Hardy",totalRead:1,point:2.1})

CREATE (b131:Book{name:"Twilight Stephenie Meyer",totalRead:45,point:0.6})

CREATE (b132:Book{name:"A Passage to India E.M Forster",totalRead:3,point:2.4})

CREATE (b133:Book{name:"The Plague Albert Camus",totalRead:0,point:0.7})

CREATE (b134:Book{name:"Nicholas Nickleby Charles Dickens",totalRead:3,point:0.8})

CREATE (b135:Book{name:"The Pearl John Steinbeck",totalRead:1,point:0.3})

CREATE (b136:Book{name:"Ethan Frome Edith Wharton",totalRead:14,point:4.0})

CREATE (b137:Book{name:"The Tale of Genji Murasaki Shikibu",totalRead:8,point:0.5})

CREATE (b138:Book{name:"The Giver Lois Lowry",totalRead:1,point:2.9})

CREATE (b139:Book{name:"The Alchemist Paulo Coelho",totalRead:3,point:0.2})

CREATE (b140:Book{name:"The Strange Case of Dr Jekyll and Mr Hyde Robert Louis Stevenson",totalRead:6,point:1.2})

CREATE (b141:Book{name:"Robinson Crusoe Daniel Defoe",totalRead:15,point:1.8})

CREATE (b142:Book{name:"Tender is the Night F Scott Fitzgerald",totalRead:31,point:0.3})

CREATE (b143:Book{name:"The Idiot Fyodor Dostoyevsky",totalRead:1,point:1.5})

CREATE (b144:Book{name:"Hatchet Gary Paulsen",totalRead:53,point:2.3})

CREATE (b145:Book{name:"The Kite Runner Khaled Hosseini",totalRead:1,point:0.6})

CREATE (b146:Book{name:"One Flew Over the Cuckoo's Nest Ken Kesey",totalRead:9,point:3.0})

CREATE (b147:Book{name:"The Portrait of a Lady Henry James",totalRead:15,point:0.1})

CREATE (b148:Book{name:"The Outsiders S.E Hinton",totalRead:3,point:1.5})

CREATE (b149:Book{name:"Ben-Hur Lew Wallace",totalRead:18,point:0.8})

CREATE (b150:Book{name:"The Mayor of Casterbridge Thomas Hardy",totalRead:2,point:0.8})

CREATE (b151:Book{name:"Cry, The Beloved Country Alan Paton",totalRead:2,point:2.6})

CREATE (b152:Book{name:"The Last Battle C.S Lewis",totalRead:7,point:1.4})

CREATE (b153:Book{name:"Captains Courageous Rudyard Kipling",totalRead:1,point:4.0})

CREATE (b154:Book{name:"The Castle Franz Kafka",totalRead:7,point:1.9})

CREATE (b155:Book{name:"The Metamorphosis Franz Kafka",totalRead:0,point:1.7})

CREATE (b156:Book{name:"The Magic Mountain (Der Zauberberg) Thomas Mann",totalRead:40,point:1.4})

CREATE (b157:Book{name:"James and the Giant Peach Roald Dahl",totalRead:12,point:0.4})

CREATE (b158:Book{name:"The Horse and His Boy C.S Lewis",totalRead:3,point:0.8})

CREATE (b159:Book{name:"Angels & Demons Dan Brown",totalRead:17,point:0.4})

CREATE (b160:Book{name:"The Voyage of the Dawn Treader C.S Lewis",totalRead:20,point:1.3})

CREATE (b161:Book{name:"The Bell Jar Sylvia Plath",totalRead:7,point:0.7})

CREATE (b162:Book{name:"Women in Love D.H Lawrence",totalRead:3,point:0.8})

CREATE (b163:Book{name:"The Yearling Marjorie Kinnan Rawlings",totalRead:12,point:1.2})

CREATE (b164:Book{name:"O Pioneers! Willa Cather",totalRead:11,point:0.5})

CREATE (b165:Book{name:"The Handmaid's Tale Margaret Atwood",totalRead:4,point:3.0})

CREATE (b166:Book{name:"The Moonstone Wilkie Collins",totalRead:25,point:0.6})

CREATE (b167:Book{name:"The Old Curiosity Shop Charles Dickens",totalRead:6,point:0.3})

CREATE (b168:Book{name:"Little Dorrit Charles Dickens",totalRead:1,point:1.8})

CREATE (b169:Book{name:"Prince Caspian: The Return to Narnia C.S Lewis",totalRead:13,point:0.9})

CREATE (b170:Book{name:"Sister Carrie Theodore Dreiser",totalRead:29,point:0.1})

CREATE (b171:Book{name:"The Silver Chair C.S Lewis",totalRead:18,point:0.7})

CREATE (b172:Book{name:"The Hunger Games Suzanne Collins",totalRead:15,point:1.8})

CREATE (b173:Book{name:"This Side of Paradise F Scott Fitzgerald",totalRead:30,point:2.4})

CREATE (b174:Book{name:"Eugénie Grandet Honoré de Balzac",totalRead:8,point:5.3})

CREATE (b175:Book{name:"Of Human Bondage W Somerset Maugham",totalRead:8,point:0.2})

CREATE (b176:Book{name:"Dream of the Red Chamber Cao Xueqin",totalRead:5,point:4.1})

CREATE (b177:Book{name:"Life of Pi Yann Martel",totalRead:22,point:0.3})

CREATE (b178:Book{name:"Harry Potter and the Deathly Hallows J.K Rowling",totalRead:22,point:0.1})

CREATE (b179:Book{name:"Invisible Man Ralph Ellison",totalRead:27,point:0.6})

CREATE (b180:Book{name:"Steppenwolf Hermann Hesse",totalRead:26,point:0.3})

CREATE (b181:Book{name:"The Sorrows of Young Werther Johann Wolfgang von Goethe",totalRead:19,point:1.3})

CREATE (b182:Book{name:"Bridge to Terabithia Katherine Paterson",totalRead:16,point:1.1})

CREATE (b183:Book{name:"The Invisible Man H.G Wells",totalRead:5,point:0.7})

CREATE (b184:Book{name:"Holes Louis Sachar",totalRead:3,point:1.9})

CREATE (b185:Book{name:"Siddhartha Hermann Hesse",totalRead:5,point:1.9})

CREATE (b186:Book{name:"A Tree Grows in Brooklyn Betty Smith",totalRead:40,point:0.5})

CREATE (b187:Book{name:"Through the Looking-Glass, and What Alice Found There Lewis Carroll",totalRead:10,point:1.2})

CREATE (b188:Book{name:"In Cold Blood Truman Capote",totalRead:26,point:0.4})

CREATE (b189:Book{name:"The House of the Spirits Isabel Allende",totalRead:3,point:0.8})

CREATE (b190:Book{name:"Adam Bede George Eliot",totalRead:2,point:0.5})

CREATE (b191:Book{name:"The Betrothed Alessandro Manzoni",totalRead:1,point:0.9})

CREATE (b192:Book{name:"The Book Thief Markus Zusak",totalRead:28,point:1.2})

CREATE (b193:Book{name:"Their Eyes Were Watching God Zora Neale Hurston",totalRead:5,point:0.6})

CREATE (b194:Book{name:"One Day in the Life of Ivan Denisovich Aleksandr Isaevich Solzhenitsyn",totalRead:6,point:0.3})

CREATE (b195:Book{name:"The Sea Wolf Jack London",totalRead:21,point:0.0})

CREATE (b196:Book{name:"Catching Fire Suzanne Collins",totalRead:25,point:0.6})

CREATE (b197:Book{name:"Roll of Thunder, Hear My Cry Mildred D Taylor",totalRead:19,point:0.5})

CREATE (b198:Book{name:"Death Comes for the Archbishop Willa Cather",totalRead:31,point:1.5})

CREATE (b199:Book{name:"The House of Mirth Edith Wharton",totalRead:46,point:2.8})

CREATE (b200:Book{name:"Light in August William Faulkner",totalRead:14,point:3.2})

CREATE (b201:Book{name:"The Pickwick Papers Charles Dickens",totalRead:24,point:0.4})

CREATE (b202:Book{name:"Remembrance of Things Past Marcel Proust",totalRead:33,point:0.1})

CREATE (b203:Book{name:"Barchester Towers and the Warden Anthony Trollope",totalRead:5,point:9.7})

CREATE (b204:Book{name:"The Bridge of San Luis Rey Thornton Wilder",totalRead:22,point:1.3})

CREATE (b205:Book{name:"The Help Kathryn Stockett",totalRead:19,point:0.4})

CREATE (b206:Book{name:"Murder on the Orient Express Agatha Christie",totalRead:35,point:0.2})

CREATE (b207:Book{name:"The Lovely Bones Alice Sebold",totalRead:6,point:0.1})

CREATE (b208:Book{name:"The Appeal John Grisham",totalRead:6,point:4.3})

CREATE (b209:Book{name:"Dombey And Son Charles Dickens",totalRead:6,point:0.5})

CREATE (b210:Book{name:"Slaughterhouse-Five Kurt Vonnegut",totalRead:6,point:1.7})

CREATE (b211:Book{name:"An American Tragedy Theodore Dreiser",totalRead:1,point:0.4})

CREATE (b212:Book{name:"The Bluest Eye Toni Morrison",totalRead:4,point:6.2})

CREATE (b213:Book{name:"Little House In the Big Woods Laura Ingalls Wilder",totalRead:3,point:2.1})

CREATE (b214:Book{name:"Pippi Longstocking Astrid Lindgren",totalRead:30,point:4.7})

CREATE (b215:Book{name:"Germinal Émile Zola",totalRead:22,point:5.9})

CREATE (b216:Book{name:"The Heart Is a Lonely Hunter Carson McCullers",totalRead:13,point:2.9})

CREATE (b217:Book{name:"The Woman In White Wilkie Collins",totalRead:50,point:0.0})

CREATE (b218:Book{name:"Absalom, Absalom! William Faulkner",totalRead:11,point:0.4})

CREATE (b219:Book{name:"A Painted House John Grisham",totalRead:9,point:1.8})

CREATE (b220:Book{name:"The Girl With the Dragon Tattoo Stieg Larsson",totalRead:50,point:1.3})

CREATE (b221:Book{name:"A Room With a View E.M Forster",totalRead:14,point:0.5})

CREATE (b222:Book{name:"Watership Down Richard Adams",totalRead:22,point:0.6})

CREATE (b223:Book{name:"Memoirs of a Geisha Arthur Golden",totalRead:6,point:0.4})

CREATE (b224:Book{name:"Our Mutual Friend Charles Dickens",totalRead:29,point:3.8})

CREATE (b225:Book{name:"Babbitt Sinclair Lewis",totalRead:9,point:1.2})

CREATE (b226:Book{name:"The Red Pony John Steinbeck",totalRead:41,point:0.6})

CREATE (b227:Book{name:"All the King's Men Robert Penn Warren",totalRead:15,point:1.7})

CREATE (b228:Book{name:"Things Fall Apart Chinua Achebe",totalRead:56,point:1.5})

CREATE (b229:Book{name:"Lorna Doone R.D Blackmore",totalRead:6,point:0.7})

CREATE (b230:Book{name:"Johnny Tremain Esther Forbes",totalRead:13,point:1.7})

CREATE (b231:Book{name:"Anne of Avonlea L.M Montgomery",totalRead:10,point:1.0})

CREATE (b232:Book{name:"Tuck Everlasting Natalie Babbitt",totalRead:6,point:0.7})

CREATE (b233:Book{name:"The BFG Roald Dahl",totalRead:3,point:0.4})

CREATE (b234:Book{name:"Cannery Row John Steinbeck",totalRead:3,point:3.2})

CREATE (b235:Book{name:"The Joy Luck Club Amy Tan",totalRead:3,point:4.4})

CREATE (b236:Book{name:"The Silmarillion J.R.R Tolkien",totalRead:7,point:0.2})

CREATE (b237:Book{name:"Roots Alex Haley",totalRead:57,point:3.7})

CREATE (b238:Book{name:"Little House on the Prairie Laura Ingalls Wilder",totalRead:14,point:1.4})

CREATE (b239:Book{name:"Native Son Richard Wright",totalRead:49,point:1.1})

CREATE (b240:Book{name:"Stuart Little E.B White",totalRead:48,point:0.1})

CREATE (b241:Book{name:"Cross Fire James Patterson",totalRead:9,point:1.6})

CREATE (b242:Book{name:"The Power and the Glory Graham Greene",totalRead:5,point:0.7})

CREATE (b243:Book{name:"A Clockwork Orange Anthony Burgess",totalRead:8,point:0.7})

CREATE (b244:Book{name:"The Phantom of the Opera Gaston Leroux",totalRead:12,point:1.5})

CREATE (b245:Book{name:"The Martian Chronicles Ray Bradbury",totalRead:14,point:3.0})

CREATE (b246:Book{name:"The Road Cormac McCarthy",totalRead:9,point:0.2})

CREATE (b247:Book{name:"The Way of All Flesh Samuel Butler",totalRead:25,point:0.9})

CREATE (b248:Book{name:"Diary of a Wimpy Kid: The Long Haul Jeff Kinney",totalRead:31,point:0.8})

CREATE (b249:Book{name:"Villette Charlotte Brontë",totalRead:58,point:0.8})

CREATE (b250:Book{name:"The Curious Incident of the Dog In the Night-Time Mark Haddon",totalRead:6,point:3.5})

CREATE (b251:Book{name:"The Mysterious Island Jules Verne",totalRead:0,point:5.4})

CREATE (b252:Book{name:"Song of Solomon Toni Morrison",totalRead:8,point:3.3})

CREATE (b253:Book{name:"Nana Émile Zola",totalRead:2,point:0.6})

CREATE (b254:Book{name:"Quo Vadis Henryk Sienkiewicz",totalRead:50,point:0.4})

CREATE (b255:Book{name:"Main Street Sinclair Lewis",totalRead:0,point:5.5})

CREATE (b256:Book{name:"Matilda Roald Dahl",totalRead:3,point:0.6})

CREATE (b257:Book{name:"Lolita Vladimir Vladimirovich Nabokov",totalRead:5,point:4.2})

CREATE (b258:Book{name:"Paper Towns John Green",totalRead:36,point:0.5})

CREATE (b259:Book{name:"Sounder William H Armstrong",totalRead:3,point:0.9})

CREATE (b260:Book{name:"Are You There God? It's Me, Margaret Judy Blume",totalRead:4,point:4.4})

CREATE (b261:Book{name:"The Notebook Nicholas Sparks",totalRead:21,point:1.1})

CREATE (b262:Book{name:"From the Mixed-Up Files of Mrs Basil E Frankweiler E.L Konigsburg",totalRead:0,point:0.2})

CREATE (b263:Book{name:"Atlas Shrugged Ayn Rand",totalRead:15,point:0.5})

CREATE (b264:Book{name:"The Fountainhead Ayn Rand",totalRead:12,point:0.5})

CREATE (b265:Book{name:"Number the Stars Lois Lowry",totalRead:15,point:0.6})

CREATE (b266:Book{name:"The Firm John Grisham",totalRead:1,point:0.3})

CREATE (b267:Book{name:"Swann's Way Marcel Proust",totalRead:19,point:0.6})

CREATE (b268:Book{name:"Ender's Game Orson Scott Card",totalRead:10,point:3.0})

CREATE (b269:Book{name:"The Name of the Rose Umberto Eco",totalRead:8,point:2.5})

CREATE (b270:Book{name:"A Time to Kill John Grisham",totalRead:7,point:0.7})

CREATE (b271:Book{name:"Water for Elephants Sara Gruen",totalRead:14,point:2.1})

CREATE (b272:Book{name:"The Time Machine H.G Wells",totalRead:3,point:0.9})

CREATE (b273:Book{name:"Eragon Christopher Paolini",totalRead:23,point:0.8})

CREATE (b274:Book{name:"The Hitchhiker's Guide to the Galaxy Douglas Adams",totalRead:19,point:0.7})

CREATE (b275:Book{name:"Buddenbrooks Thomas Mann",totalRead:10,point:1.9})

CREATE (b276:Book{name:"A Thousand Splendid Suns Khaled Hosseini",totalRead:3,point:0.2})

CREATE (b277:Book{name:"The Witch of Blackbird Pond Elizabeth George Speare",totalRead:5,point:1.2})

CREATE (b278:Book{name:"And Then There Were None Agatha Christie",totalRead:6,point:2.6})

CREATE (b279:Book{name:"A Separate Peace John Knowles",totalRead:3,point:0.3})

CREATE (b280:Book{name:"Breaking Dawn Stephenie Meyer",totalRead:4,point:0.9})

CREATE (b281:Book{name:"As I Lay Dying William Faulkner",totalRead:13,point:0.5})

CREATE (b282:Book{name:"The Girl Who Played With Fire Stieg Larsson",totalRead:53,point:1.5})

CREATE (b283:Book{name:"Where the Red Fern Grows Wilson Rawls",totalRead:6,point:1.6})

CREATE (b284:Book{name:"Le Morte D'Arthur Thomas Malory",totalRead:19,point:5.7})

CREATE (b285:Book{name:"Mockingjay Suzanne Collins",totalRead:15,point:0.0})

CREATE (b286:Book{name:"The Pillars of the Earth Ken Follett",totalRead:16,point:7.7})

CREATE (b287:Book{name:"Persian Letters Montesquieu",totalRead:6,point:0.7})

CREATE (b288:Book{name:"The Client John Grisham",totalRead:0,point:4.4})

CREATE (b289:Book{name:"Sula Toni Morrison",totalRead:0,point:1.3})

CREATE (b290:Book{name:"Tales of a Fourth Grade Nothing Judy Blume",totalRead:0,point:1.0})

CREATE (b291:Book{name:"The Merry Adventures of Robin Hood of Great Renown In Nottinghamshire Howard Pyle",totalRead:0,point:1.3})

CREATE (b292:Book{name:"Tortilla Flat John Steinbeck",totalRead:51,point:1.1})

CREATE (b293:Book{name:"Look Homeward, Angel Thomas Wolfe",totalRead:11,point:1.4})

CREATE (b294:Book{name:"The Mystery of Edwin Drood Charles Dickens",totalRead:11,point:2.5})

CREATE (b295:Book{name:"Brideshead Revisited Evelyn Waugh",totalRead:4,point:0.7})

CREATE (b296:Book{name:"The Pelican Brief John Grisham",totalRead:22,point:0.7})

CREATE (b297:Book{name:"Atonement Ian McEwan",totalRead:10,point:0.1})

CREATE (b298:Book{name:"Washington Square Henry James",totalRead:78,point:1.4})

CREATE (b299:Book{name:"Like Water for Chocolate Laura Esquivel",totalRead:1,point:0.5})

CREATE (b300:Book{name:"The Golden Compass Philip Pullman",totalRead:2,point:2.3})

CREATE (b301:Book{name:"The Secret Life of Bees Sue Monk Kidd",totalRead:15,point:0.0})

CREATE (b302:Book{name:"The Fault In Our Stars John Green",totalRead:31,point:0.7})

CREATE (b303:Book{name:"Nostromo Joseph Conrad",totalRead:29,point:3.1})

CREATE (b304:Book{name:"Finnegans Wake James Joyce",totalRead:52,point:0.1})

CREATE (b305:Book{name:"The Brethren John Grisham",totalRead:0,point:4.5})

CREATE (b306:Book{name:"Coraline Neil Gaiman",totalRead:3,point:2.4})

CREATE (b307:Book{name:"Heart of Darkness Joseph Conrad",totalRead:32,point:3.4})

CREATE (b308:Book{name:"On the Banks of Plum Creek Laura Ingalls Wilder",totalRead:33,point:2.8})

CREATE (b309:Book{name:"Rebecca of Sunnybrook Farm Kate Douglas Smith Wiggin",totalRead:10,point:2.1})

CREATE (b310:Book{name:"The Ambassadors Henry James",totalRead:14,point:0.5})

CREATE (b311:Book{name:"The Secret Agent Joseph Conrad",totalRead:6,point:4.3})

CREATE (b312:Book{name:"The House on Mango Street Sandra Cisneros",totalRead:59,point:0.1})

CREATE (b313:Book{name:"Go Tell It on the Mountain James Baldwin",totalRead:8,point:7.0})

CREATE (b314:Book{name:"The Testament John Grisham",totalRead:58,point:0.1})

CREATE (b315:Book{name:"The Clan of the Cave Bear Jean M Auel",totalRead:8,point:1.2})

CREATE (b316:Book{name:"Cranford Elizabeth Cleghorn Gaskell",totalRead:3,point:1.2})

CREATE (b317:Book{name:"Because of Winn-Dixie Kate DiCamillo",totalRead:46,point:1.8})

CREATE (b318:Book{name:"My Side of the Mountain Jean Craighead George",totalRead:19,point:4.7})

CREATE (b319:Book{name:"The Runaway Jury John Grisham",totalRead:10,point:2.9})

CREATE (b320:Book{name:"The Mouse and the Motorcycle Beverly Cleary",totalRead:29,point:1.4})

CREATE (b321:Book{name:"The Lost Symbol Dan Brown",totalRead:1,point:3.3})

CREATE (b322:Book{name:"The Forsyte Saga John Galsworthy",totalRead:16,point:0.2})

CREATE (b323:Book{name:"Gone Girl Gillian Flynn",totalRead:17,point:0.2})

CREATE (b324:Book{name:"The Lightning Thief Rick Riordan",totalRead:4,point:5.8})

CREATE (b325:Book{name:"The Last Days of Pompeii Edward Bulwer Lytton",totalRead:3,point:0.4})

CREATE (b326:Book{name:"The Reader Bernhard Schlink",totalRead:51,point:0.1})

CREATE (b327:Book{name:"Caddie Woodlawn Carol Ryrie Brink",totalRead:19,point:1.1})

CREATE (b328:Book{name:"The Tale of Despereaux Kate DiCamillo",totalRead:13,point:0.3})

CREATE (b329:Book{name:"The Girl Who Kicked the Hornet's Nest Stieg Larsson",totalRead:18,point:3.2})

CREATE (b330:Book{name:"Dear Mr Henshaw Beverly Cleary",totalRead:18,point:0.8})

CREATE (b331:Book{name:"The Killer Angels Michael Shaara",totalRead:12,point:1.0})

CREATE (b332:Book{name:"Chronicle of a Death Foretold Gabriel García Márquez",totalRead:1,point:6.1})

CREATE (b333:Book{name:"The Five People You Meet In Heaven Mitch Albom",totalRead:3,point:1.4})

CREATE (b334:Book{name:"The Master and Margarita Mikhail Bulgakov",totalRead:65,point:3.3})

CREATE (b335:Book{name:"Winesburg, Ohio Sherwood Anderson",totalRead:9,point:0.5})

CREATE (b336:Book{name:"Is for Peril Sue Grafton",totalRead:13,point:0.5})

CREATE (b337:Book{name:"My Sister's Keeper Jodi Picoult",totalRead:1,point:0.1})

CREATE (b338:Book{name:"Barnaby Rudge Charles Dickens",totalRead:83,point:2.6})

CREATE (b339:Book{name:"Howards End E.M Forster",totalRead:41,point:3.8})

CREATE (b340:Book{name:"The Broker John Grisham",totalRead:33,point:0.3})

CREATE (b341:Book{name:"The Camel Club David Baldacci",totalRead:7,point:2.9})

CREATE (b342:Book{name:"The Rainbow D.H Lawrence",totalRead:11,point:2.7})

CREATE (b343:Book{name:"The Man In the Iron Mask Alexandre Dumas",totalRead:17,point:0.4})

CREATE (b344:Book{name:"Mary Poppins P.L Travers",totalRead:8,point:6.0})

CREATE (b345:Book{name:"Artemis Fowl Eoin Colfer",totalRead:2,point:1.0})

CREATE (b346:Book{name:"Dear John Nicholas Sparks",totalRead:50,point:0.4})

CREATE (b347:Book{name:"Cold Mountain Charles Frazier",totalRead:15,point:4.6})

CREATE (b348:Book{name:"Flowers for Algernon Daniel Keyes",totalRead:31,point:0.5})

CREATE (b349:Book{name:"The Dark Is Rising Susan Cooper",totalRead:10,point:0.4})

CREATE (b350:Book{name:"Resurrection Leo Tolstoy",totalRead:17,point:0.0})

CREATE (b351:Book{name:"Fearless Fourteen Janet Evanovich",totalRead:36,point:1.7})

CREATE (b352:Book{name:"A Sentimental Journey Through France and Italy Laurence Sterne",totalRead:36,point:0.1})

CREATE (b353:Book{name:"The King of Torts John Grisham",totalRead:68,point:0.9})

CREATE (b354:Book{name:"The Graveyard Book Neil Gaiman",totalRead:6,point:9.9})

CREATE (b355:Book{name:"The Quiet American Graham Greene",totalRead:12,point:1.3})

CREATE (b356:Book{name:"The Chamber John Grisham",totalRead:5,point:4.3})

CREATE (b357:Book{name:"The English Patient Michael Ondaatje",totalRead:3,point:0.3})

CREATE (b358:Book{name:"Snow Falling on Cedars David Guterson",totalRead:11,point:1.7})

CREATE (b359:Book{name:"The Long Winter Laura Ingalls Wilder",totalRead:3,point:0.7})

CREATE (b360:Book{name:"Sarah, Plain and Tall Patricia MacLachlan",totalRead:1,point:0.3})

CREATE (b361:Book{name:"Cross Country James Patterson",totalRead:63,point:0.3})

CREATE (b362:Book{name:"The Spy Who Came In from the Cold John Le Carré",totalRead:34,point:1.3})

CREATE (b363:Book{name:"A Game of Thrones George R.R Martin",totalRead:15,point:7.2})

CREATE (b364:Book{name:"The Thorn Birds Colleen McCullough",totalRead:4,point:4.9})

CREATE (b365:Book{name:"Old Yeller Fred Gipson",totalRead:34,point:0.1})

CREATE (b366:Book{name:"Ramona Quimby, Age Beverly Cleary",totalRead:8,point:0.8})

CREATE (b367:Book{name:"Death In Venice Thomas Mann",totalRead:11,point:1.1})

CREATE (b368:Book{name:"By the Shores of Silver Lake Laura Ingalls Wilder",totalRead:8,point:0.1})

CREATE (b369:Book{name:"Inferno Dan Brown",totalRead:3,point:1.0})

CREATE (b370:Book{name:"Schindler's List Thomas Keneally",totalRead:5,point:0.7})

CREATE (b371:Book{name:"Jonathan Livingston Seagull Richard Bach",totalRead:20,point:0.9})

CREATE (b372:Book{name:"The Stand Stephen King",totalRead:16,point:3.6})

CREATE (b373:Book{name:"The Last Juror John Grisham",totalRead:30,point:3.9})

CREATE (b374:Book{name:"Shiloh Phyllis Reynolds Naylor",totalRead:1,point:3.0})

CREATE (b375:Book{name:"Girl With a Pearl Earring Tracy Chevalier",totalRead:1,point:0.1})

CREATE (b376:Book{name:"The Murder of Roger Ackroyd Agatha Christie",totalRead:37,point:1.3})

CREATE (b377:Book{name:"It Stephen King",totalRead:19,point:1.1})

CREATE (b378:Book{name:"The Rainmaker John Grisham",totalRead:3,point:0.9})

CREATE (b379:Book{name:"The Poisonwood Bible Barbara Kingsolver",totalRead:20,point:0.3})

CREATE (b380:Book{name:"The Indian in the Cupboard Lynne Reid Banks",totalRead:4,point:1.4})

CREATE (b381:Book{name:"The Maltese Falcon Dashiell Hammett",totalRead:23,point:3.7})

CREATE (b382:Book{name:"The Warden Anthony Trollope",totalRead:2,point:1.0})

CREATE (b383:Book{name:"The Summons John Grisham",totalRead:17,point:3.7})

CREATE (b384:Book{name:"Encyclopedia Brown: Boy Detective Donald J Sobol",totalRead:5,point:3.9})

CREATE (b385:Book{name:"The Time Traveler's Wife Audrey Niffenegger",totalRead:36,point:1.4})

CREATE (b386:Book{name:"The Incredible Journey Sheila Burnford",totalRead:57,point:3.0})

CREATE (b387:Book{name:"Daughter of Fortune Isabel Allende",totalRead:17,point:0.2})

CREATE (b388:Book{name:"Shirley Charlotte Brontë",totalRead:15,point:2.4})

CREATE (b389:Book{name:"Bud, Not Buddy Christopher Paul Curtis",totalRead:35,point:0.9})

CREATE (b390:Book{name:"The Horse Whisperer Nicholas Evans",totalRead:0,point:1.1})

CREATE (b391:Book{name:"The Street Lawyer John Grisham",totalRead:22,point:5.0})

CREATE (b392:Book{name:"Nausea Jean-Paul Sartre",totalRead:4,point:0.9})

CREATE (b393:Book{name:"To Have and Have Not Ernest Hemingway",totalRead:17,point:1.0})

CREATE (b394:Book{name:"The Bridges of Madison County Robert James Waller",totalRead:12,point:1.2})

CREATE (b395:Book{name:"Anne of the Island L.M Montgomery",totalRead:3,point:1.0})

CREATE (b396:Book{name:"The Winter of Our Discontent John Steinbeck",totalRead:25,point:0.8})

CREATE (b397:Book{name:"The Shining Stephen King",totalRead:5,point:1.6})

CREATE (b398:Book{name:"The Tenant of Wildfell Hall Anne Brontë",totalRead:4,point:1.3})

CREATE (b399:Book{name:"First Family David Baldacci",totalRead:3,point:2.6})

CREATE (b400:Book{name:"The Partner John Grisham",totalRead:33,point:0.6})

CREATE (b401:Book{name:"The Girl on the Train Paula Hawkins",totalRead:21,point:0.0})

CREATE (b402:Book{name:"The Black Arrow: A Tale of the Two Roses Robert Louis Stevenson",totalRead:14,point:0.2})

CREATE (b403:Book{name:"The Rise of Silas Lapham William Dea Howells",totalRead:10,point:4.7})

CREATE (b404:Book{name:"The Choice Nicholas Sparks",totalRead:6,point:1.5})

CREATE (b405:Book{name:"The Virginian: A Horseman of the Plains Owen Wister",totalRead:2,point:0.0})

CREATE (b406:Book{name:"A Walk to Remember Nicholas Sparks",totalRead:12,point:1.1})

CREATE (b407:Book{name:"The Maze Runner James Dashner",totalRead:1,point:1.1})

CREATE (b408:Book{name:"The Westing Game Ellen Raskin",totalRead:26,point:1.5})

CREATE (b409:Book{name:"Misty of Chincoteague Marguerite Henry",totalRead:5,point:4.4})

CREATE (b410:Book{name:"Diary of a Wimpy Kid: The Last Straw Jeff Kinney",totalRead:10,point:1.5})

CREATE (b411:Book{name:"King Solomon's Mines H Rider Haggard",totalRead:2,point:6.5})

CREATE (b412:Book{name:"The Princess of Cleves Madame de (Marie-Madeleine Pioche de La Vergne) La Fayett",totalRead:6,point:2.5})

CREATE (b413:Book{name:"Jacob Have I Loved Katherine Paterson",totalRead:4,point:0.0})

CREATE (b414:Book{name:"Mrs Frisby and the Rats of NIMH Robert C O'Brien",totalRead:24,point:4.7})

CREATE (b415:Book{name:"Misery Stephen King",totalRead:11,point:6.6})

CREATE (b416:Book{name:"The Cider House Rules John Irving",totalRead:14,point:0.5})

CREATE (b417:Book{name:"King of the Wind Marguerite Henry",totalRead:9,point:1.7})

CREATE (b418:Book{name:"The Once and Future King T H White",totalRead:16,point:0.7})

CREATE (b419:Book{name:"The Witches Roald Dahl",totalRead:1,point:0.9})

CREATE (b420:Book{name:"The Subtle Knife Philip Pullman",totalRead:2,point:3.6})

CREATE (b421:Book{name:"When You Reach Me Rebecca Stead",totalRead:9,point:0.6})

CREATE (b422:Book{name:"Carrie Stephen King",totalRead:11,point:0.2})

CREATE (b423:Book{name:"The Moon and Sixpence W Somerset Maugham",totalRead:1,point:0.2})

CREATE (b424:Book{name:"The Higher Power of Lucky Susan Patron",totalRead:5,point:0.1})

CREATE (b425:Book{name:"Looking Backward, - Edward Bellamy",totalRead:17,point:1.9})

CREATE (b426:Book{name:"The Wings of the Dove Henry James",totalRead:1,point:1.2})

CREATE (b427:Book{name:"The Summer of the Swans Betsy Cromer Byars",totalRead:28,point:3.7})

CREATE (b428:Book{name:"Dangerous Liaisons Choderlos de Laclos",totalRead:14,point:1.8})

CREATE (b429:Book{name:"Jurassic Park Michael Crichton",totalRead:1,point:0.8})

CREATE (b430:Book{name:"The Absolutely True Diary of a Part-time Indian Sherman Alexie",totalRead:11,point:0.8})

CREATE (b431:Book{name:"The Grey King Susan Cooper",totalRead:36,point:1.3})

CREATE (b432:Book{name:"The Leopard Giuseppe Tomasi di Lampedusa",totalRead:32,point:3.2})

CREATE (b433:Book{name:"The Mammoth Hunters Jean M Auel",totalRead:2,point:2.0})

CREATE (b434:Book{name:"The Trumpet of the Swan E.B White",totalRead:22,point:1.9})

CREATE (b435:Book{name:"The Lucky One Nicholas Sparks",totalRead:8,point:0.9})

CREATE (b436:Book{name:"These Happy Golden Years Laura Ingalls Wilder",totalRead:6,point:0.0})

CREATE (b437:Book{name:"Arrowsmith Sinclair Lewis",totalRead:1,point:1.9})

CREATE (b438:Book{name:"Julie of the Wolves Jean Craighead George",totalRead:10,point:3.8})

CREATE (b439:Book{name:"The Screwtape Letters C.S Lewis",totalRead:1,point:0.3})

CREATE (b440:Book{name:"The Fall Albert Camus",totalRead:18,point:0.3})

CREATE (b441:Book{name:"The No Ladies' Detective Agency Alexander McCall Smith",totalRead:30,point:0.1})

CREATE (b442:Book{name:"Worst Case James Patterson",totalRead:82,point:0.6})

CREATE (b443:Book{name:"Lost Horizon James Hilton",totalRead:9,point:0.1})

CREATE (b444:Book{name:"The Gunslinger Stephen King",totalRead:2,point:0.2})

CREATE (b445:Book{name:"The Slave Dancer Paula Fox",totalRead:2,point:3.8})

CREATE (b446:Book{name:"Harry Potter and the Half-Blood Prince J.K Rowling",totalRead:7,point:0.6})

CREATE (b447:Book{name:"Inkheart Cornelia Funke",totalRead:21,point:2.6})

CREATE (b448:Book{name:"Ramona and her Father Beverly Cleary",totalRead:9,point:0.3})

CREATE (b449:Book{name:"Inkspell Cornelia Funke",totalRead:23,point:0.0})

CREATE (b450:Book{name:"Ramona the Pest Beverly Cleary",totalRead:4,point:0.6})

CREATE (b451:Book{name:"Walk Two Moons Sharon Creech",totalRead:0,point:0.0})

CREATE (b452:Book{name:"Miss Peregrine's Home for Peculiar Children Ransom Riggs",totalRead:4,point:0.0})

CREATE (b453:Book{name:"The Chocolate War Robert Cormier",totalRead:62,point:2.0})

CREATE (b454:Book{name:"Sophie's Choice William Styron",totalRead:0,point:0.5})

CREATE (b455:Book{name:"Looking for Alaska John Green",totalRead:1,point:0.2})

CREATE (b456:Book{name:"Breakfast at Tiffany's Truman Capote",totalRead:42,point:0.5})

CREATE (b457:Book{name:"The Razor's Edge W Somerset Maugham",totalRead:13,point:4.4})

CREATE (b458:Book{name:"Dreamcatcher Stephen King",totalRead:27,point:0.7})

CREATE (b459:Book{name:"Orlando Virginia Woolf",totalRead:14,point:2.4})

CREATE (b460:Book{name:"The Things they Carried Tim O'Brien",totalRead:8,point:2.7})

CREATE (b461:Book{name:"Little Town on the Prairie Laura Ingalls Wilder",totalRead:2,point:0.1})

CREATE (b462:Book{name:"Nights in Rodanthe Nicholas Sparks",totalRead:6,point:0.3})

CREATE (b463:Book{name:"The Amber Spyglass Philip Pullman",totalRead:1,point:3.1})

CREATE (b464:Book{name:"The Miraculous Journey of Edward Tulane Kate DiCamillo",totalRead:34,point:2.1})

CREATE (b465:Book{name:"Flatland Edwin A Abbott",totalRead:2,point:0.5})

CREATE (b466:Book{name:"Diary of a Wimpy Kid Jeff Kinney",totalRead:5,point:0.5})

CREATE (b467:Book{name:"The Memory Keeper's Daughter Kim Edwards",totalRead:33,point:1.2})

CREATE (b468:Book{name:"The Wedding Nicholas Sparks",totalRead:7,point:5.2})

CREATE (b469:Book{name:"Fried Green Tomatoes at the Whistle-Stop Cafe Fannie Flagg",totalRead:13,point:1.7})

CREATE (b470:Book{name:"The Cricket in Times Square George Selden",totalRead:4,point:0.2})

CREATE (b471:Book{name:"The Phantom Tollbooth Norton Juster",totalRead:32,point:5.0})

CREATE (b472:Book{name:"Rob Roy Walter Scott",totalRead:24,point:2.9})

CREATE (b473:Book{name:"The Death of Ivan Ilych Leo Tolstoy",totalRead:1,point:0.3})

CREATE (b474:Book{name:"Alex Cross's Trial James Patterson",totalRead:5,point:2.5})

CREATE (b475:Book{name:"Kenilworth Walter Scott",totalRead:11,point:0.9})

CREATE (b476:Book{name:"The Life and Opinions of Tristram Shandy Laurence Sterne",totalRead:4,point:0.5})

CREATE (b477:Book{name:"The Remains of theDay Kazuo Ishiguro",totalRead:20,point:1.9})

CREATE (b478:Book{name:"M.C Higgins, The Great Virginia Hamilton",totalRead:39,point:0.7})

CREATE (b479:Book{name:"Call It Courage Armstrong Sperry",totalRead:16,point:0.0})

CREATE (b480:Book{name:"Go Set a Watchman Harper Lee",totalRead:7,point:1.4})

CREATE (b481:Book{name:"Bleachers John Grisham",totalRead:15,point:0.5})

CREATE (b482:Book{name:"Elijah of Buxton Christopher Paul Curtis",totalRead:3,point:3.0})

CREATE (b483:Book{name:"Swimsuit James Patterson",totalRead:1,point:4.0})

CREATE (b484:Book{name:"Cat's Cradle Kurt Vonnegut",totalRead:65,point:0.0})

CREATE (b485:Book{name:"The Caine Mutiny Herman Wouk",totalRead:8,point:1.2})

CREATE (b486:Book{name:"The Heart of the Matter Graham Greene",totalRead:9,point:1.3})

CREATE (b487:Book{name:"Harriet, the Spy Louise Fitzhugh",totalRead:36,point:0.8})

CREATE (b488:Book{name:"Darkness at Noon Arthur Koestler",totalRead:20,point:0.2})

CREATE (b489:Book{name:"A Prayer for Owen Meany John Irving",totalRead:17,point:0.7})

CREATE (b490:Book{name:"The God of Small Things Arundhati Roy",totalRead:22,point:0.8})

CREATE (b491:Book{name:"The Associate John Grisham",totalRead:45,point:0.3})

CREATE (b492:Book{name:"The Shack William P Young",totalRead:45,point:0.2})

CREATE (b493:Book{name:"The Naked and the Dead Norman Mailer",totalRead:5,point:1.7})

CREATE (b494:Book{name:"The Sea of Monsters Rick Riordan",totalRead:18,point:4.0})

CREATE (b495:Book{name:"Stranger in a Strange Land Robert A Heinlein",totalRead:43,point:3.4})

CREATE (b496:Book{name:"Vision in White Nora Roberts",totalRead:4,point:1.1})

CREATE (b497:Book{name:"The Whipping Boy Sid Fleischman",totalRead:6,point:0.5})

CREATE (b498:Book{name:"Room Emma Donoghue",totalRead:6,point:2.7})

CREATE (b499:Book{name:"Deception Point Dan Brown",totalRead:10,point:0.2})

CREATE (u0)-[:Read{Rate:1}]->(b406),

(u0)-[:Read{Rate:9}]->(b437),

(u0)-[:Read{Rate:8}]->(b374),

(u0)-[:Read{Rate:4}]->(b155),

(u0)-[:Read{Rate:9}]->(b445),

(u0)-[:Read{Rate:1}]->(b479),

(u0)-[:Read{Rate:6}]->(b498),

(u0)-[:Read{Rate:9}]->(b443),

(u0)-[:Read{Rate:8}]->(b103),

(u0)-[:Read{Rate:7}]->(b177),

(u0)-[:Read{Rate:7}]->(b136),

(u0)-[:Read{Rate:3}]->(b496),

(u0)-[:Read{Rate:10}]->(b324),

(u0)-[:Read{Rate:6}]->(b40),

(u0)-[:Read{Rate:7}]->(b440),

(u0)-[:Read{Rate:7}]->(b388),

(u0)-[:Read{Rate:5}]->(b10),

(u0)-[:Read{Rate:7}]->(b223),

(u0)-[:Read{Rate:10}]->(b18),

(u0)-[:Read{Rate:7}]->(b408),

(u0)-[:Read{Rate:1}]->(b191),

(u0)-[:Read{Rate:2}]->(b38),

(u0)-[:Read{Rate:1}]->(b321),

(u0)-[:Read{Rate:8}]->(b135),

(u0)-[:Read{Rate:6}]->(b422),

(u0)-[:Read{Rate:1}]->(b326),

(u0)-[:Read{Rate:8}]->(b323),

(u0)-[:Read{Rate:9}]->(b124),

(u0)-[:Read{Rate:7}]->(b138),

(u0)-[:Read{Rate:7}]->(b236),

(u0)-[:Read{Rate:6}]->(b424),

(u0)-[:Read{Rate:2}]->(b371),

(u0)-[:Read{Rate:2}]->(b148),

(u0)-[:Read{Rate:6}]->(b190),

(u0)-[:Read{Rate:3}]->(b228),

(u0)-[:Read{Rate:2}]->(b344),

(u0)-[:Read{Rate:2}]->(b314),

(u0)-[:Read{Rate:10}]->(b37),

(u0)-[:Read{Rate:6}]->(b363),

(u0)-[:Read{Rate:9}]->(b155),

(u0)-[:Read{Rate:10}]->(b80),

(u0)-[:Read{Rate:2}]->(b116),

(u0)-[:Read{Rate:8}]->(b176),

(u0)-[:Read{Rate:6}]->(b184),

(u0)-[:Read{Rate:4}]->(b247),

(u0)-[:Read{Rate:2}]->(b459),

(u0)-[:Read{Rate:9}]->(b325),

(u1)-[:Read{Rate:7}]->(b111),

(u1)-[:Read{Rate:8}]->(b154),

(u1)-[:Read{Rate:1}]->(b428),

(u1)-[:Read{Rate:10}]->(b127),

(u1)-[:Read{Rate:4}]->(b490),

(u1)-[:Read{Rate:1}]->(b432),

(u1)-[:Read{Rate:1}]->(b317),

(u1)-[:Read{Rate:9}]->(b195),

(u1)-[:Read{Rate:4}]->(b389),

(u1)-[:Read{Rate:2}]->(b71),

(u1)-[:Read{Rate:5}]->(b458),

(u1)-[:Read{Rate:6}]->(b23),

(u1)-[:Read{Rate:10}]->(b370),

(u1)-[:Read{Rate:3}]->(b406),

(u1)-[:Read{Rate:5}]->(b40),

(u1)-[:Read{Rate:8}]->(b203),

(u1)-[:Read{Rate:1}]->(b393),

(u1)-[:Read{Rate:8}]->(b12),

(u1)-[:Read{Rate:8}]->(b195),

(u1)-[:Read{Rate:6}]->(b382),

(u1)-[:Read{Rate:10}]->(b388),

(u1)-[:Read{Rate:8}]->(b144),

(u1)-[:Read{Rate:1}]->(b143),

(u1)-[:Read{Rate:10}]->(b80),

(u1)-[:Read{Rate:1}]->(b91),

(u1)-[:Read{Rate:5}]->(b124),

(u1)-[:Read{Rate:1}]->(b416),

(u1)-[:Read{Rate:4}]->(b174),

(u1)-[:Read{Rate:1}]->(b190),

(u1)-[:Read{Rate:5}]->(b55),

(u1)-[:Read{Rate:8}]->(b334),

(u1)-[:Read{Rate:6}]->(b341),

(u1)-[:Read{Rate:9}]->(b438),

(u1)-[:Read{Rate:1}]->(b151),

(u1)-[:Read{Rate:2}]->(b189),

(u1)-[:Read{Rate:7}]->(b91),

(u1)-[:Read{Rate:6}]->(b209),

(u1)-[:Read{Rate:4}]->(b294),

(u1)-[:Read{Rate:3}]->(b438),

(u1)-[:Read{Rate:4}]->(b13),

(u1)-[:Read{Rate:1}]->(b427),

(u1)-[:Read{Rate:6}]->(b429),

(u1)-[:Read{Rate:5}]->(b452),

(u1)-[:Read{Rate:7}]->(b449),

(u1)-[:Read{Rate:6}]->(b462),

(u1)-[:Read{Rate:4}]->(b193),

(u1)-[:Read{Rate:5}]->(b47),

(u1)-[:Read{Rate:3}]->(b343),

(u1)-[:Read{Rate:10}]->(b393),

(u1)-[:Read{Rate:5}]->(b355),

(u1)-[:Read{Rate:8}]->(b203),

(u1)-[:Read{Rate:9}]->(b26),

(u1)-[:Read{Rate:2}]->(b437),

(u1)-[:Read{Rate:7}]->(b25),

(u1)-[:Read{Rate:8}]->(b288),

(u1)-[:Read{Rate:10}]->(b405),

(u1)-[:Read{Rate:3}]->(b209),

(u1)-[:Read{Rate:10}]->(b46),

(u1)-[:Read{Rate:3}]->(b61),

(u1)-[:Read{Rate:10}]->(b85),

(u1)-[:Read{Rate:2}]->(b361),

(u1)-[:Read{Rate:2}]->(b371),

(u1)-[:Read{Rate:6}]->(b215),

(u1)-[:Read{Rate:5}]->(b498),

(u1)-[:Read{Rate:5}]->(b150),

(u1)-[:Read{Rate:9}]->(b66),

(u1)-[:Read{Rate:5}]->(b460),

(u1)-[:Read{Rate:9}]->(b446),

(u1)-[:Read{Rate:4}]->(b189),

(u1)-[:Read{Rate:5}]->(b280),

(u1)-[:Read{Rate:7}]->(b274),

(u1)-[:Read{Rate:9}]->(b122),

(u1)-[:Read{Rate:7}]->(b357),

(u1)-[:Read{Rate:10}]->(b73),

(u1)-[:Read{Rate:7}]->(b311),

(u1)-[:Read{Rate:8}]->(b428),

(u1)-[:Read{Rate:10}]->(b206),

(u1)-[:Read{Rate:6}]->(b112),

(u1)-[:Read{Rate:4}]->(b378),

(u1)-[:Read{Rate:6}]->(b259),

(u1)-[:Read{Rate:10}]->(b253),

(u1)-[:Read{Rate:7}]->(b50),

(u1)-[:Read{Rate:2}]->(b256),

(u1)-[:Read{Rate:6}]->(b94),

(u1)-[:Read{Rate:10}]->(b150),

(u1)-[:Read{Rate:2}]->(b479),

(u1)-[:Read{Rate:2}]->(b288),

(u1)-[:Read{Rate:9}]->(b275),

(u1)-[:Read{Rate:4}]->(b326),

(u1)-[:Read{Rate:9}]->(b472),

(u1)-[:Read{Rate:2}]->(b341),

(u1)-[:Read{Rate:6}]->(b95),

(u1)-[:Read{Rate:8}]->(b398),

(u1)-[:Read{Rate:8}]->(b408),

(u1)-[:Read{Rate:2}]->(b391),

(u1)-[:Read{Rate:1}]->(b127),

(u1)-[:Read{Rate:5}]->(b496),

(u1)-[:Read{Rate:7}]->(b112),

(u1)-[:Read{Rate:5}]->(b298),

(u1)-[:Read{Rate:1}]->(b463),

(u1)-[:Read{Rate:9}]->(b353),

(u1)-[:Read{Rate:7}]->(b86),

(u1)-[:Read{Rate:6}]->(b71),

(u1)-[:Read{Rate:4}]->(b372),

(u1)-[:Read{Rate:10}]->(b351),

(u1)-[:Read{Rate:8}]->(b435),

(u1)-[:Read{Rate:6}]->(b487),

(u1)-[:Read{Rate:8}]->(b372),

(u1)-[:Read{Rate:5}]->(b471),

(u1)-[:Read{Rate:2}]->(b166),

(u1)-[:Read{Rate:7}]->(b150),

(u1)-[:Read{Rate:8}]->(b485),

(u1)-[:Read{Rate:5}]->(b32),

(u1)-[:Read{Rate:7}]->(b346),

(u1)-[:Read{Rate:8}]->(b169),

(u1)-[:Read{Rate:10}]->(b270),

(u1)-[:Read{Rate:2}]->(b254),

(u1)-[:Read{Rate:2}]->(b68),

(u1)-[:Read{Rate:3}]->(b249),

(u1)-[:Read{Rate:1}]->(b295),

(u1)-[:Read{Rate:3}]->(b393),

(u1)-[:Read{Rate:7}]->(b352),

(u1)-[:Read{Rate:10}]->(b400),

(u1)-[:Read{Rate:6}]->(b357),

(u1)-[:Read{Rate:5}]->(b84),

(u1)-[:Read{Rate:9}]->(b273),

(u1)-[:Read{Rate:7}]->(b50),

(u1)-[:Read{Rate:5}]->(b133),

(u1)-[:Read{Rate:6}]->(b231),

(u1)-[:Read{Rate:10}]->(b385),

(u2)-[:Read{Rate:10}]->(b234),

(u2)-[:Read{Rate:3}]->(b317),

(u2)-[:Read{Rate:6}]->(b195),

(u2)-[:Read{Rate:1}]->(b48),

(u2)-[:Read{Rate:10}]->(b304),

(u2)-[:Read{Rate:10}]->(b37),

(u2)-[:Read{Rate:7}]->(b181),

(u2)-[:Read{Rate:5}]->(b36),

(u2)-[:Read{Rate:3}]->(b367),

(u2)-[:Read{Rate:1}]->(b271),

(u2)-[:Read{Rate:6}]->(b117),

(u2)-[:Read{Rate:10}]->(b30),

(u2)-[:Read{Rate:9}]->(b470),

(u2)-[:Read{Rate:7}]->(b433),

(u2)-[:Read{Rate:5}]->(b466),

(u2)-[:Read{Rate:6}]->(b483),

(u2)-[:Read{Rate:7}]->(b261),

(u2)-[:Read{Rate:6}]->(b478),

(u2)-[:Read{Rate:9}]->(b100),

(u2)-[:Read{Rate:7}]->(b207),

(u2)-[:Read{Rate:10}]->(b71),

(u2)-[:Read{Rate:1}]->(b373),

(u2)-[:Read{Rate:2}]->(b410),

(u2)-[:Read{Rate:8}]->(b159),

(u2)-[:Read{Rate:6}]->(b232),

(u2)-[:Read{Rate:8}]->(b278),

(u2)-[:Read{Rate:8}]->(b237),

(u2)-[:Read{Rate:7}]->(b108),

(u2)-[:Read{Rate:8}]->(b404),

(u2)-[:Read{Rate:1}]->(b266),

(u2)-[:Read{Rate:5}]->(b57),

(u2)-[:Read{Rate:3}]->(b248),

(u2)-[:Read{Rate:6}]->(b116),

(u2)-[:Read{Rate:8}]->(b61),

(u2)-[:Read{Rate:8}]->(b315),

(u2)-[:Read{Rate:3}]->(b420),

(u2)-[:Read{Rate:9}]->(b382),

(u2)-[:Read{Rate:7}]->(b319),

(u2)-[:Read{Rate:3}]->(b394),

(u2)-[:Read{Rate:4}]->(b157),

(u2)-[:Read{Rate:6}]->(b4),

(u2)-[:Read{Rate:2}]->(b61),

(u2)-[:Read{Rate:2}]->(b227),

(u2)-[:Read{Rate:6}]->(b439),

(u2)-[:Read{Rate:10}]->(b118),

(u2)-[:Read{Rate:5}]->(b487),

(u2)-[:Read{Rate:1}]->(b101),

(u2)-[:Read{Rate:1}]->(b191),

(u2)-[:Read{Rate:6}]->(b100),

(u2)-[:Read{Rate:7}]->(b19),

(u2)-[:Read{Rate:3}]->(b450),

(u2)-[:Read{Rate:8}]->(b69),

(u2)-[:Read{Rate:3}]->(b292),

(u2)-[:Read{Rate:4}]->(b252),

(u2)-[:Read{Rate:2}]->(b36),

(u2)-[:Read{Rate:10}]->(b88),

(u2)-[:Read{Rate:1}]->(b205),

(u2)-[:Read{Rate:2}]->(b493),

(u2)-[:Read{Rate:1}]->(b259),

(u2)-[:Read{Rate:5}]->(b346),

(u2)-[:Read{Rate:6}]->(b81),

(u2)-[:Read{Rate:7}]->(b315),

(u2)-[:Read{Rate:3}]->(b18),

(u2)-[:Read{Rate:1}]->(b68),

(u2)-[:Read{Rate:1}]->(b336),

(u2)-[:Read{Rate:4}]->(b395),

(u2)-[:Read{Rate:10}]->(b394),

(u2)-[:Read{Rate:4}]->(b114),

(u2)-[:Read{Rate:1}]->(b41),

(u2)-[:Read{Rate:2}]->(b46),

(u2)-[:Read{Rate:8}]->(b123),

(u2)-[:Read{Rate:8}]->(b228),

(u2)-[:Read{Rate:4}]->(b203),

(u2)-[:Read{Rate:4}]->(b223),

(u2)-[:Read{Rate:2}]->(b380),

(u2)-[:Read{Rate:9}]->(b158),

(u2)-[:Read{Rate:2}]->(b262),

(u2)-[:Read{Rate:9}]->(b72),

(u2)-[:Read{Rate:4}]->(b379),

(u2)-[:Read{Rate:4}]->(b418),

(u2)-[:Read{Rate:7}]->(b109),

(u2)-[:Read{Rate:2}]->(b368),

(u2)-[:Read{Rate:3}]->(b121),

(u2)-[:Read{Rate:2}]->(b328),

(u2)-[:Read{Rate:2}]->(b175),

(u2)-[:Read{Rate:8}]->(b53),

(u2)-[:Read{Rate:6}]->(b55),

(u2)-[:Read{Rate:7}]->(b441),

(u2)-[:Read{Rate:10}]->(b110),

(u2)-[:Read{Rate:3}]->(b341),

(u2)-[:Read{Rate:7}]->(b169),

(u2)-[:Read{Rate:4}]->(b89),

(u2)-[:Read{Rate:2}]->(b283),

(u2)-[:Read{Rate:1}]->(b187),

(u2)-[:Read{Rate:6}]->(b285),

(u2)-[:Read{Rate:7}]->(b496),

(u2)-[:Read{Rate:3}]->(b316),

(u2)-[:Read{Rate:2}]->(b89),

(u2)-[:Read{Rate:2}]->(b152),

(u2)-[:Read{Rate:4}]->(b396),

(u2)-[:Read{Rate:2}]->(b340),

(u2)-[:Read{Rate:2}]->(b356),

(u2)-[:Read{Rate:10}]->(b461),

(u2)-[:Read{Rate:6}]->(b302),

(u2)-[:Read{Rate:4}]->(b461),

(u2)-[:Read{Rate:1}]->(b333),

(u2)-[:Read{Rate:2}]->(b354),

(u2)-[:Read{Rate:3}]->(b255),

(u2)-[:Read{Rate:2}]->(b389),

(u2)-[:Read{Rate:1}]->(b340),

(u2)-[:Read{Rate:4}]->(b488),

(u2)-[:Read{Rate:10}]->(b402),

(u2)-[:Read{Rate:9}]->(b143),

(u2)-[:Read{Rate:4}]->(b199),

(u2)-[:Read{Rate:4}]->(b133),

(u2)-[:Read{Rate:7}]->(b72),

(u2)-[:Read{Rate:1}]->(b145),

(u2)-[:Read{Rate:7}]->(b252),

(u2)-[:Read{Rate:1}]->(b105),

(u2)-[:Read{Rate:8}]->(b483),

(u2)-[:Read{Rate:4}]->(b362),

(u2)-[:Read{Rate:10}]->(b31),

(u2)-[:Read{Rate:9}]->(b234),

(u2)-[:Read{Rate:8}]->(b284),

(u2)-[:Read{Rate:2}]->(b458),

(u2)-[:Read{Rate:3}]->(b99),

(u2)-[:Read{Rate:5}]->(b12),

(u2)-[:Read{Rate:2}]->(b340),

(u2)-[:Read{Rate:1}]->(b243),

(u2)-[:Read{Rate:4}]->(b248),

(u2)-[:Read{Rate:7}]->(b497),

(u2)-[:Read{Rate:10}]->(b358),

(u2)-[:Read{Rate:10}]->(b28),

(u2)-[:Read{Rate:4}]->(b351),

(u3)-[:Read{Rate:6}]->(b150),

(u3)-[:Read{Rate:1}]->(b395),

(u3)-[:Read{Rate:5}]->(b476),

(u3)-[:Read{Rate:7}]->(b269),

(u3)-[:Read{Rate:8}]->(b424),

(u3)-[:Read{Rate:6}]->(b422),

(u3)-[:Read{Rate:5}]->(b180),

(u3)-[:Read{Rate:6}]->(b269),

(u3)-[:Read{Rate:2}]->(b320),

(u3)-[:Read{Rate:9}]->(b132),

(u3)-[:Read{Rate:8}]->(b455),

(u3)-[:Read{Rate:4}]->(b253),

(u3)-[:Read{Rate:10}]->(b130),

(u3)-[:Read{Rate:5}]->(b442),

(u3)-[:Read{Rate:9}]->(b244),

(u3)-[:Read{Rate:7}]->(b224),

(u3)-[:Read{Rate:9}]->(b294),

(u3)-[:Read{Rate:1}]->(b226),

(u3)-[:Read{Rate:2}]->(b419),

(u3)-[:Read{Rate:8}]->(b222),

(u3)-[:Read{Rate:3}]->(b80),

(u3)-[:Read{Rate:4}]->(b451),

(u3)-[:Read{Rate:10}]->(b385),

(u3)-[:Read{Rate:5}]->(b461),

(u3)-[:Read{Rate:2}]->(b332),

(u3)-[:Read{Rate:7}]->(b224),

(u3)-[:Read{Rate:7}]->(b160),

(u3)-[:Read{Rate:5}]->(b121),

(u3)-[:Read{Rate:9}]->(b73),

(u3)-[:Read{Rate:4}]->(b215),

(u3)-[:Read{Rate:1}]->(b61),

(u3)-[:Read{Rate:5}]->(b174),

(u3)-[:Read{Rate:2}]->(b44),

(u3)-[:Read{Rate:1}]->(b343),

(u3)-[:Read{Rate:6}]->(b258),

(u3)-[:Read{Rate:10}]->(b343),

(u3)-[:Read{Rate:7}]->(b270),

(u3)-[:Read{Rate:2}]->(b275),

(u3)-[:Read{Rate:3}]->(b125),

(u3)-[:Read{Rate:3}]->(b157),

(u3)-[:Read{Rate:4}]->(b59),

(u4)-[:Read{Rate:4}]->(b293),

(u4)-[:Read{Rate:6}]->(b423),

(u4)-[:Read{Rate:8}]->(b236),

(u4)-[:Read{Rate:8}]->(b461),

(u4)-[:Read{Rate:4}]->(b95),

(u4)-[:Read{Rate:2}]->(b443),

(u4)-[:Read{Rate:2}]->(b207),

(u4)-[:Read{Rate:3}]->(b8),

(u4)-[:Read{Rate:9}]->(b170),

(u4)-[:Read{Rate:6}]->(b146),

(u4)-[:Read{Rate:6}]->(b197),

(u4)-[:Read{Rate:10}]->(b279),

(u4)-[:Read{Rate:8}]->(b177),

(u4)-[:Read{Rate:4}]->(b91),

(u4)-[:Read{Rate:6}]->(b415),

(u4)-[:Read{Rate:5}]->(b66),

(u4)-[:Read{Rate:8}]->(b275),

(u4)-[:Read{Rate:1}]->(b12),

(u4)-[:Read{Rate:4}]->(b419),

(u4)-[:Read{Rate:4}]->(b453),

(u4)-[:Read{Rate:1}]->(b492),

(u4)-[:Read{Rate:6}]->(b355),

(u4)-[:Read{Rate:6}]->(b28),

(u4)-[:Read{Rate:8}]->(b81),

(u4)-[:Read{Rate:10}]->(b393),

(u4)-[:Read{Rate:5}]->(b138),

(u4)-[:Read{Rate:5}]->(b410),

(u4)-[:Read{Rate:9}]->(b36),

(u4)-[:Read{Rate:9}]->(b187),

(u4)-[:Read{Rate:10}]->(b7),

(u4)-[:Read{Rate:9}]->(b452),

(u4)-[:Read{Rate:9}]->(b256),

(u4)-[:Read{Rate:4}]->(b431),

(u4)-[:Read{Rate:7}]->(b89),

(u4)-[:Read{Rate:7}]->(b224),

(u4)-[:Read{Rate:6}]->(b312),

(u4)-[:Read{Rate:3}]->(b369),

(u4)-[:Read{Rate:10}]->(b227),

(u4)-[:Read{Rate:3}]->(b363),

(u4)-[:Read{Rate:2}]->(b205),

(u4)-[:Read{Rate:6}]->(b124),

(u4)-[:Read{Rate:9}]->(b110),

(u4)-[:Read{Rate:9}]->(b125),

(u4)-[:Read{Rate:7}]->(b328),

(u4)-[:Read{Rate:8}]->(b242),

(u4)-[:Read{Rate:5}]->(b374),

(u4)-[:Read{Rate:6}]->(b320),

(u4)-[:Read{Rate:10}]->(b204),

(u4)-[:Read{Rate:3}]->(b45),

(u4)-[:Read{Rate:4}]->(b339),

(u4)-[:Read{Rate:2}]->(b191),

(u4)-[:Read{Rate:1}]->(b472),

(u4)-[:Read{Rate:2}]->(b418),

(u4)-[:Read{Rate:4}]->(b407),

(u4)-[:Read{Rate:1}]->(b306),

(u4)-[:Read{Rate:7}]->(b431),

(u4)-[:Read{Rate:1}]->(b114),

(u4)-[:Read{Rate:5}]->(b364),

(u4)-[:Read{Rate:10}]->(b389),

(u4)-[:Read{Rate:6}]->(b230),

(u4)-[:Read{Rate:10}]->(b136),

(u4)-[:Read{Rate:7}]->(b423),

(u4)-[:Read{Rate:9}]->(b458),

(u4)-[:Read{Rate:5}]->(b184),

(u4)-[:Read{Rate:4}]->(b481),

(u4)-[:Read{Rate:6}]->(b208),

(u4)-[:Read{Rate:4}]->(b19),

(u4)-[:Read{Rate:9}]->(b285),

(u4)-[:Read{Rate:6}]->(b415),

(u4)-[:Read{Rate:3}]->(b205),

(u4)-[:Read{Rate:2}]->(b381),

(u4)-[:Read{Rate:5}]->(b131),

(u4)-[:Read{Rate:1}]->(b196),

(u4)-[:Read{Rate:2}]->(b54),

(u4)-[:Read{Rate:6}]->(b279),

(u4)-[:Read{Rate:3}]->(b358),

(u4)-[:Read{Rate:1}]->(b114),

(u4)-[:Read{Rate:2}]->(b259),

(u4)-[:Read{Rate:4}]->(b75),

(u4)-[:Read{Rate:7}]->(b265),

(u4)-[:Read{Rate:1}]->(b478),

(u4)-[:Read{Rate:8}]->(b388),

(u4)-[:Read{Rate:6}]->(b480),

(u4)-[:Read{Rate:3}]->(b26),

(u4)-[:Read{Rate:3}]->(b470),

(u4)-[:Read{Rate:6}]->(b355),

(u4)-[:Read{Rate:2}]->(b140),

(u4)-[:Read{Rate:3}]->(b210),

(u4)-[:Read{Rate:5}]->(b173),

(u4)-[:Read{Rate:10}]->(b232),

(u4)-[:Read{Rate:10}]->(b45),

(u4)-[:Read{Rate:7}]->(b488),

(u4)-[:Read{Rate:3}]->(b369),

(u4)-[:Read{Rate:9}]->(b462),

(u4)-[:Read{Rate:7}]->(b231),

(u4)-[:Read{Rate:4}]->(b457),

(u4)-[:Read{Rate:6}]->(b327),

(u4)-[:Read{Rate:2}]->(b175),

(u4)-[:Read{Rate:8}]->(b137),

(u4)-[:Read{Rate:7}]->(b456),

(u4)-[:Read{Rate:5}]->(b132),

(u4)-[:Read{Rate:3}]->(b389),

(u4)-[:Read{Rate:5}]->(b466),

(u4)-[:Read{Rate:5}]->(b239),

(u4)-[:Read{Rate:9}]->(b448),

(u4)-[:Read{Rate:8}]->(b465),

(u4)-[:Read{Rate:5}]->(b330),

(u4)-[:Read{Rate:6}]->(b353),

(u4)-[:Read{Rate:10}]->(b97),

(u4)-[:Read{Rate:3}]->(b0),

(u4)-[:Read{Rate:5}]->(b7),

(u4)-[:Read{Rate:9}]->(b453),

(u4)-[:Read{Rate:8}]->(b289),

(u4)-[:Read{Rate:10}]->(b8),

(u4)-[:Read{Rate:5}]->(b126),

(u4)-[:Read{Rate:10}]->(b244),

(u4)-[:Read{Rate:3}]->(b132),

(u4)-[:Read{Rate:8}]->(b470),

(u4)-[:Read{Rate:5}]->(b259),

(u4)-[:Read{Rate:8}]->(b279),

(u4)-[:Read{Rate:8}]->(b456),

(u4)-[:Read{Rate:10}]->(b281),

(u4)-[:Read{Rate:2}]->(b488),

(u4)-[:Read{Rate:5}]->(b100),

(u4)-[:Read{Rate:5}]->(b208),

(u4)-[:Read{Rate:8}]->(b320),

(u4)-[:Read{Rate:10}]->(b308),

(u4)-[:Read{Rate:1}]->(b346),

(u4)-[:Read{Rate:8}]->(b6),

(u4)-[:Read{Rate:8}]->(b310),

(u4)-[:Read{Rate:2}]->(b193),

(u4)-[:Read{Rate:7}]->(b137),

(u4)-[:Read{Rate:1}]->(b105),

(u4)-[:Read{Rate:2}]->(b319),

(u4)-[:Read{Rate:6}]->(b405),

(u4)-[:Read{Rate:6}]->(b199),

(u4)-[:Read{Rate:1}]->(b275),

(u4)-[:Read{Rate:9}]->(b227),

(u4)-[:Read{Rate:1}]->(b284),

(u4)-[:Read{Rate:4}]->(b389),

(u4)-[:Read{Rate:1}]->(b278),

(u4)-[:Read{Rate:5}]->(b390),

(u4)-[:Read{Rate:5}]->(b460),

(u4)-[:Read{Rate:3}]->(b423),

(u4)-[:Read{Rate:4}]->(b90),

(u4)-[:Read{Rate:9}]->(b498),

(u4)-[:Read{Rate:9}]->(b56),

(u4)-[:Read{Rate:5}]->(b223),

(u4)-[:Read{Rate:8}]->(b91),

(u4)-[:Read{Rate:6}]->(b229),

(u4)-[:Read{Rate:4}]->(b261),

(u4)-[:Read{Rate:3}]->(b318),

(u4)-[:Read{Rate:4}]->(b165),

(u4)-[:Read{Rate:2}]->(b431),

(u4)-[:Read{Rate:9}]->(b103),

(u4)-[:Read{Rate:6}]->(b195),

(u4)-[:Read{Rate:9}]->(b7),

(u4)-[:Read{Rate:5}]->(b137),

(u4)-[:Read{Rate:4}]->(b77),

(u4)-[:Read{Rate:5}]->(b112),

(u4)-[:Read{Rate:6}]->(b268),

(u4)-[:Read{Rate:6}]->(b241),

(u4)-[:Read{Rate:5}]->(b297),

(u4)-[:Read{Rate:9}]->(b152),

(u4)-[:Read{Rate:1}]->(b462),

(u4)-[:Read{Rate:7}]->(b374),

(u4)-[:Read{Rate:1}]->(b39),

(u4)-[:Read{Rate:1}]->(b35),

(u4)-[:Read{Rate:3}]->(b281),

(u4)-[:Read{Rate:2}]->(b184),

(u4)-[:Read{Rate:10}]->(b268),

(u4)-[:Read{Rate:9}]->(b191),

(u4)-[:Read{Rate:9}]->(b170),

(u4)-[:Read{Rate:5}]->(b292),

(u4)-[:Read{Rate:3}]->(b459),

(u4)-[:Read{Rate:7}]->(b139),

(u4)-[:Read{Rate:10}]->(b201),

(u4)-[:Read{Rate:8}]->(b390),

(u4)-[:Read{Rate:5}]->(b228),

(u4)-[:Read{Rate:1}]->(b9),

(u4)-[:Read{Rate:7}]->(b132),

(u4)-[:Read{Rate:3}]->(b396),

(u4)-[:Read{Rate:8}]->(b145),

(u4)-[:Read{Rate:10}]->(b130),

(u4)-[:Read{Rate:6}]->(b323),

(u4)-[:Read{Rate:3}]->(b183),

(u4)-[:Read{Rate:10}]->(b82),

(u4)-[:Read{Rate:4}]->(b397),

(u4)-[:Read{Rate:3}]->(b406),

(u4)-[:Read{Rate:4}]->(b249),

(u4)-[:Read{Rate:8}]->(b493),

(u4)-[:Read{Rate:5}]->(b434),

(u4)-[:Read{Rate:1}]->(b167),

(u4)-[:Read{Rate:9}]->(b209),

(u4)-[:Read{Rate:10}]->(b391),

(u5)-[:Read{Rate:9}]->(b61),

(u5)-[:Read{Rate:9}]->(b484),

(u5)-[:Read{Rate:8}]->(b56),

(u5)-[:Read{Rate:4}]->(b64),

(u5)-[:Read{Rate:7}]->(b474),

(u5)-[:Read{Rate:9}]->(b386),

(u5)-[:Read{Rate:2}]->(b3),

(u5)-[:Read{Rate:10}]->(b120),

(u5)-[:Read{Rate:6}]->(b279),

(u5)-[:Read{Rate:5}]->(b373),

(u5)-[:Read{Rate:7}]->(b2),

(u5)-[:Read{Rate:6}]->(b23),

(u5)-[:Read{Rate:1}]->(b207),

(u5)-[:Read{Rate:5}]->(b133),

(u5)-[:Read{Rate:8}]->(b459),

(u5)-[:Read{Rate:3}]->(b169),

(u5)-[:Read{Rate:6}]->(b53),

(u5)-[:Read{Rate:7}]->(b48),

(u5)-[:Read{Rate:5}]->(b332),

(u5)-[:Read{Rate:4}]->(b407),

(u5)-[:Read{Rate:10}]->(b173),

(u5)-[:Read{Rate:4}]->(b68),

(u5)-[:Read{Rate:5}]->(b5),

(u5)-[:Read{Rate:4}]->(b460),

(u5)-[:Read{Rate:4}]->(b319),

(u5)-[:Read{Rate:6}]->(b456),

(u5)-[:Read{Rate:10}]->(b343),

(u5)-[:Read{Rate:5}]->(b301),

(u5)-[:Read{Rate:10}]->(b19),

(u5)-[:Read{Rate:3}]->(b392),

(u5)-[:Read{Rate:6}]->(b302),

(u5)-[:Read{Rate:2}]->(b481),

(u5)-[:Read{Rate:4}]->(b366),

(u5)-[:Read{Rate:3}]->(b376),

(u5)-[:Read{Rate:9}]->(b203),

(u5)-[:Read{Rate:2}]->(b267),

(u5)-[:Read{Rate:10}]->(b264),

(u5)-[:Read{Rate:5}]->(b55),

(u5)-[:Read{Rate:4}]->(b220),

(u5)-[:Read{Rate:2}]->(b156),

(u5)-[:Read{Rate:3}]->(b170),

(u5)-[:Read{Rate:4}]->(b446),

(u5)-[:Read{Rate:7}]->(b81),

(u5)-[:Read{Rate:9}]->(b230),

(u5)-[:Read{Rate:7}]->(b282),

(u5)-[:Read{Rate:3}]->(b339),

(u5)-[:Read{Rate:8}]->(b59),

(u5)-[:Read{Rate:10}]->(b411),

(u5)-[:Read{Rate:9}]->(b129),

(u5)-[:Read{Rate:4}]->(b21),

(u5)-[:Read{Rate:7}]->(b345),

(u5)-[:Read{Rate:4}]->(b323),

(u5)-[:Read{Rate:1}]->(b185),

(u5)-[:Read{Rate:10}]->(b350),

(u5)-[:Read{Rate:1}]->(b76),

(u5)-[:Read{Rate:1}]->(b328),

(u5)-[:Read{Rate:10}]->(b225),

(u5)-[:Read{Rate:7}]->(b167),

(u5)-[:Read{Rate:1}]->(b367),

(u5)-[:Read{Rate:9}]->(b111),

(u5)-[:Read{Rate:7}]->(b411),

(u5)-[:Read{Rate:2}]->(b112),

(u5)-[:Read{Rate:1}]->(b259),

(u5)-[:Read{Rate:4}]->(b472),

(u5)-[:Read{Rate:3}]->(b396),

(u5)-[:Read{Rate:4}]->(b423),

(u5)-[:Read{Rate:2}]->(b324),

(u5)-[:Read{Rate:7}]->(b288),

(u5)-[:Read{Rate:8}]->(b315),

(u5)-[:Read{Rate:10}]->(b428),

(u5)-[:Read{Rate:1}]->(b259),

(u5)-[:Read{Rate:9}]->(b420),

(u5)-[:Read{Rate:10}]->(b325),

(u5)-[:Read{Rate:6}]->(b121),

(u5)-[:Read{Rate:6}]->(b453),

(u5)-[:Read{Rate:2}]->(b230),

(u5)-[:Read{Rate:9}]->(b129),

(u5)-[:Read{Rate:2}]->(b184),

(u5)-[:Read{Rate:7}]->(b229),

(u5)-[:Read{Rate:1}]->(b455),

(u5)-[:Read{Rate:9}]->(b20),

(u5)-[:Read{Rate:9}]->(b310),

(u5)-[:Read{Rate:4}]->(b197),

(u5)-[:Read{Rate:8}]->(b407),

(u5)-[:Read{Rate:6}]->(b219),

(u5)-[:Read{Rate:2}]->(b329),

(u5)-[:Read{Rate:8}]->(b277),

(u5)-[:Read{Rate:6}]->(b10),

(u5)-[:Read{Rate:1}]->(b133),

(u5)-[:Read{Rate:4}]->(b201),

(u5)-[:Read{Rate:5}]->(b478),

(u5)-[:Read{Rate:6}]->(b356),

(u5)-[:Read{Rate:9}]->(b260),

(u5)-[:Read{Rate:9}]->(b33),

(u5)-[:Read{Rate:3}]->(b227),

(u5)-[:Read{Rate:7}]->(b261),

(u5)-[:Read{Rate:2}]->(b444),

(u5)-[:Read{Rate:7}]->(b273),

(u5)-[:Read{Rate:6}]->(b219),

(u5)-[:Read{Rate:10}]->(b99),

(u5)-[:Read{Rate:2}]->(b115),

(u5)-[:Read{Rate:1}]->(b134),

(u5)-[:Read{Rate:4}]->(b491),

(u5)-[:Read{Rate:9}]->(b59),

(u5)-[:Read{Rate:9}]->(b444),

(u5)-[:Read{Rate:9}]->(b449),

(u5)-[:Read{Rate:8}]->(b246),

(u5)-[:Read{Rate:6}]->(b60),

(u5)-[:Read{Rate:5}]->(b80),

(u5)-[:Read{Rate:10}]->(b276),

(u5)-[:Read{Rate:5}]->(b143),

(u5)-[:Read{Rate:6}]->(b126),

(u5)-[:Read{Rate:2}]->(b379),

(u5)-[:Read{Rate:1}]->(b43),

(u5)-[:Read{Rate:8}]->(b142),

(u5)-[:Read{Rate:5}]->(b476),

(u5)-[:Read{Rate:8}]->(b140),

(u5)-[:Read{Rate:4}]->(b59),

(u5)-[:Read{Rate:7}]->(b39),

(u5)-[:Read{Rate:5}]->(b149),

(u5)-[:Read{Rate:2}]->(b19),

(u5)-[:Read{Rate:7}]->(b98),

(u5)-[:Read{Rate:8}]->(b52),

(u5)-[:Read{Rate:7}]->(b281),

(u5)-[:Read{Rate:5}]->(b47),

(u5)-[:Read{Rate:9}]->(b435),

(u5)-[:Read{Rate:6}]->(b46),

(u5)-[:Read{Rate:7}]->(b174),

(u5)-[:Read{Rate:7}]->(b293),

(u5)-[:Read{Rate:10}]->(b417),

(u5)-[:Read{Rate:3}]->(b68),

(u5)-[:Read{Rate:2}]->(b485),

(u5)-[:Read{Rate:10}]->(b404),

(u5)-[:Read{Rate:9}]->(b271),

(u5)-[:Read{Rate:2}]->(b469),

(u5)-[:Read{Rate:8}]->(b294),

(u5)-[:Read{Rate:9}]->(b432),

(u5)-[:Read{Rate:6}]->(b359),

(u5)-[:Read{Rate:3}]->(b44),

(u5)-[:Read{Rate:8}]->(b287),

(u5)-[:Read{Rate:2}]->(b118),

(u5)-[:Read{Rate:4}]->(b236),

(u5)-[:Read{Rate:6}]->(b46),

(u5)-[:Read{Rate:4}]->(b200),

(u5)-[:Read{Rate:4}]->(b282),

(u5)-[:Read{Rate:10}]->(b269),

(u5)-[:Read{Rate:7}]->(b422),

(u5)-[:Read{Rate:5}]->(b9),

(u5)-[:Read{Rate:5}]->(b480),

(u5)-[:Read{Rate:8}]->(b3),

(u5)-[:Read{Rate:3}]->(b12),

(u5)-[:Read{Rate:1}]->(b335),

(u5)-[:Read{Rate:5}]->(b127),

(u5)-[:Read{Rate:10}]->(b459),

(u5)-[:Read{Rate:2}]->(b313),

(u5)-[:Read{Rate:4}]->(b225),

(u5)-[:Read{Rate:8}]->(b428),

(u5)-[:Read{Rate:8}]->(b183),

(u5)-[:Read{Rate:7}]->(b68),

(u5)-[:Read{Rate:2}]->(b323),

(u5)-[:Read{Rate:4}]->(b116),

(u5)-[:Read{Rate:5}]->(b288),

(u5)-[:Read{Rate:3}]->(b200),

(u5)-[:Read{Rate:6}]->(b64),

(u5)-[:Read{Rate:9}]->(b474),

(u5)-[:Read{Rate:8}]->(b476),

(u5)-[:Read{Rate:3}]->(b321),

(u5)-[:Read{Rate:1}]->(b113),

(u5)-[:Read{Rate:3}]->(b172),

(u5)-[:Read{Rate:4}]->(b62),

(u5)-[:Read{Rate:10}]->(b431),

(u5)-[:Read{Rate:5}]->(b339),

(u5)-[:Read{Rate:4}]->(b133),

(u5)-[:Read{Rate:2}]->(b462),

(u5)-[:Read{Rate:2}]->(b169),

(u5)-[:Read{Rate:1}]->(b113),

(u5)-[:Read{Rate:5}]->(b236),

(u5)-[:Read{Rate:9}]->(b96),

(u5)-[:Read{Rate:7}]->(b487),

(u5)-[:Read{Rate:10}]->(b223),

(u5)-[:Read{Rate:1}]->(b131),

(u5)-[:Read{Rate:5}]->(b476),

(u5)-[:Read{Rate:1}]->(b253),

(u5)-[:Read{Rate:8}]->(b382),

(u5)-[:Read{Rate:10}]->(b130),

(u5)-[:Read{Rate:3}]->(b292),

(u5)-[:Read{Rate:2}]->(b29),

(u5)-[:Read{Rate:10}]->(b221),

(u5)-[:Read{Rate:10}]->(b371),

(u5)-[:Read{Rate:10}]->(b339),

(u5)-[:Read{Rate:7}]->(b124),

(u5)-[:Read{Rate:2}]->(b30),

(u5)-[:Read{Rate:5}]->(b4),

(u5)-[:Read{Rate:9}]->(b254),

(u5)-[:Read{Rate:7}]->(b141),

(u5)-[:Read{Rate:7}]->(b42),

(u5)-[:Read{Rate:7}]->(b221),

(u5)-[:Read{Rate:10}]->(b13),

(u5)-[:Read{Rate:5}]->(b386),

(u5)-[:Read{Rate:10}]->(b160),

(u5)-[:Read{Rate:5}]->(b413),

(u5)-[:Read{Rate:2}]->(b267),

(u5)-[:Read{Rate:10}]->(b272),

(u5)-[:Read{Rate:1}]->(b364),

(u5)-[:Read{Rate:8}]->(b147),

(u5)-[:Read{Rate:6}]->(b355),

(u5)-[:Read{Rate:10}]->(b273),

(u5)-[:Read{Rate:9}]->(b172),

(u5)-[:Read{Rate:2}]->(b393),

(u5)-[:Read{Rate:9}]->(b355),

(u5)-[:Read{Rate:4}]->(b16),

(u5)-[:Read{Rate:3}]->(b376),

(u5)-[:Read{Rate:7}]->(b449),

(u5)-[:Read{Rate:9}]->(b464),

(u5)-[:Read{Rate:1}]->(b286),

(u5)-[:Read{Rate:2}]->(b251),

(u5)-[:Read{Rate:7}]->(b0),

(u5)-[:Read{Rate:3}]->(b308),

(u5)-[:Read{Rate:7}]->(b181),

(u5)-[:Read{Rate:2}]->(b447),

(u5)-[:Read{Rate:10}]->(b84),

(u5)-[:Read{Rate:2}]->(b212),

(u5)-[:Read{Rate:5}]->(b479),

(u5)-[:Read{Rate:1}]->(b449),

(u5)-[:Read{Rate:7}]->(b221),

(u5)-[:Read{Rate:3}]->(b22),

(u5)-[:Read{Rate:4}]->(b485),

(u5)-[:Read{Rate:4}]->(b35),

(u5)-[:Read{Rate:1}]->(b105),

(u5)-[:Read{Rate:9}]->(b163),

(u5)-[:Read{Rate:7}]->(b105),

(u5)-[:Read{Rate:7}]->(b342),

(u5)-[:Read{Rate:5}]->(b190),

(u5)-[:Read{Rate:7}]->(b481),

(u6)-[:Read{Rate:8}]->(b7),

(u6)-[:Read{Rate:10}]->(b166),

(u6)-[:Read{Rate:1}]->(b25),

(u6)-[:Read{Rate:6}]->(b467),

(u6)-[:Read{Rate:1}]->(b345),

(u6)-[:Read{Rate:4}]->(b287),

(u6)-[:Read{Rate:6}]->(b204),

(u6)-[:Read{Rate:10}]->(b352),

(u6)-[:Read{Rate:9}]->(b302),

(u6)-[:Read{Rate:3}]->(b453),

(u6)-[:Read{Rate:7}]->(b356),

(u6)-[:Read{Rate:3}]->(b215),

(u6)-[:Read{Rate:1}]->(b75),

(u6)-[:Read{Rate:5}]->(b466),

(u6)-[:Read{Rate:1}]->(b170),

(u6)-[:Read{Rate:1}]->(b423),

(u6)-[:Read{Rate:5}]->(b346),

(u6)-[:Read{Rate:10}]->(b239),

(u6)-[:Read{Rate:6}]->(b21),

(u6)-[:Read{Rate:7}]->(b301),

(u6)-[:Read{Rate:8}]->(b87),

(u6)-[:Read{Rate:5}]->(b16),

(u6)-[:Read{Rate:3}]->(b486),

(u6)-[:Read{Rate:7}]->(b465),

(u6)-[:Read{Rate:6}]->(b143),

(u6)-[:Read{Rate:8}]->(b311),

(u6)-[:Read{Rate:9}]->(b287),

(u6)-[:Read{Rate:3}]->(b353),

(u6)-[:Read{Rate:8}]->(b362),

(u6)-[:Read{Rate:9}]->(b52),

(u6)-[:Read{Rate:5}]->(b489),

(u6)-[:Read{Rate:2}]->(b476),

(u6)-[:Read{Rate:5}]->(b367),

(u6)-[:Read{Rate:8}]->(b340),

(u6)-[:Read{Rate:7}]->(b141),

(u6)-[:Read{Rate:9}]->(b349),

(u6)-[:Read{Rate:6}]->(b73),

(u6)-[:Read{Rate:5}]->(b445),

(u6)-[:Read{Rate:4}]->(b296),

(u6)-[:Read{Rate:2}]->(b251),

(u6)-[:Read{Rate:4}]->(b213),

(u6)-[:Read{Rate:6}]->(b451),

(u6)-[:Read{Rate:10}]->(b55),

(u6)-[:Read{Rate:3}]->(b423),

(u6)-[:Read{Rate:3}]->(b407),

(u6)-[:Read{Rate:6}]->(b297),

(u6)-[:Read{Rate:5}]->(b61),

(u6)-[:Read{Rate:10}]->(b34),

(u6)-[:Read{Rate:4}]->(b114),

(u6)-[:Read{Rate:3}]->(b186),

(u6)-[:Read{Rate:1}]->(b425),

(u6)-[:Read{Rate:4}]->(b470),

(u6)-[:Read{Rate:6}]->(b175),

(u6)-[:Read{Rate:5}]->(b446),

(u6)-[:Read{Rate:1}]->(b232),

(u6)-[:Read{Rate:2}]->(b343),

(u6)-[:Read{Rate:8}]->(b131),

(u6)-[:Read{Rate:9}]->(b52),

(u6)-[:Read{Rate:4}]->(b392),

(u6)-[:Read{Rate:8}]->(b389),

(u6)-[:Read{Rate:5}]->(b396),

(u6)-[:Read{Rate:3}]->(b163),

(u6)-[:Read{Rate:1}]->(b436),

(u6)-[:Read{Rate:4}]->(b105),

(u6)-[:Read{Rate:5}]->(b382),

(u6)-[:Read{Rate:3}]->(b7),

(u6)-[:Read{Rate:7}]->(b59),

(u6)-[:Read{Rate:9}]->(b171),

(u6)-[:Read{Rate:6}]->(b319),

(u6)-[:Read{Rate:8}]->(b374),

(u6)-[:Read{Rate:8}]->(b320),

(u6)-[:Read{Rate:9}]->(b216),

(u6)-[:Read{Rate:6}]->(b373),

(u6)-[:Read{Rate:4}]->(b207),

(u6)-[:Read{Rate:5}]->(b291),

(u6)-[:Read{Rate:9}]->(b40),

(u6)-[:Read{Rate:1}]->(b490),

(u6)-[:Read{Rate:6}]->(b358),

(u6)-[:Read{Rate:8}]->(b474),

(u6)-[:Read{Rate:5}]->(b394),

(u6)-[:Read{Rate:3}]->(b266),

(u6)-[:Read{Rate:4}]->(b486),

(u6)-[:Read{Rate:8}]->(b224),

(u6)-[:Read{Rate:6}]->(b79),

(u6)-[:Read{Rate:3}]->(b8),

(u6)-[:Read{Rate:1}]->(b445),

(u6)-[:Read{Rate:7}]->(b296),

(u6)-[:Read{Rate:3}]->(b17),

(u6)-[:Read{Rate:8}]->(b454),

(u6)-[:Read{Rate:2}]->(b95),

(u6)-[:Read{Rate:9}]->(b407),

(u6)-[:Read{Rate:6}]->(b298),

(u6)-[:Read{Rate:6}]->(b434),

(u6)-[:Read{Rate:3}]->(b154),

(u6)-[:Read{Rate:7}]->(b62),

(u6)-[:Read{Rate:5}]->(b446),

(u6)-[:Read{Rate:6}]->(b466),

(u6)-[:Read{Rate:8}]->(b497),

(u6)-[:Read{Rate:7}]->(b170),

(u6)-[:Read{Rate:1}]->(b430),

(u6)-[:Read{Rate:9}]->(b174),

(u6)-[:Read{Rate:7}]->(b391),

(u6)-[:Read{Rate:3}]->(b414),

(u6)-[:Read{Rate:8}]->(b218),

(u6)-[:Read{Rate:3}]->(b266),

(u6)-[:Read{Rate:7}]->(b162),

(u6)-[:Read{Rate:4}]->(b440),

(u6)-[:Read{Rate:9}]->(b467),

(u6)-[:Read{Rate:2}]->(b231),

(u6)-[:Read{Rate:8}]->(b102),

(u6)-[:Read{Rate:9}]->(b106),

(u6)-[:Read{Rate:3}]->(b266),

(u6)-[:Read{Rate:6}]->(b182),

(u6)-[:Read{Rate:7}]->(b245),

(u6)-[:Read{Rate:4}]->(b359),

(u6)-[:Read{Rate:10}]->(b488),

(u6)-[:Read{Rate:2}]->(b143),

(u6)-[:Read{Rate:6}]->(b90),

(u6)-[:Read{Rate:4}]->(b449),

(u6)-[:Read{Rate:1}]->(b287),

(u6)-[:Read{Rate:4}]->(b36),

(u6)-[:Read{Rate:10}]->(b166),

(u6)-[:Read{Rate:4}]->(b376),

(u6)-[:Read{Rate:3}]->(b494),

(u6)-[:Read{Rate:8}]->(b413),

(u6)-[:Read{Rate:5}]->(b105),

(u6)-[:Read{Rate:4}]->(b169),

(u6)-[:Read{Rate:9}]->(b33),

(u6)-[:Read{Rate:6}]->(b261),

(u6)-[:Read{Rate:10}]->(b66),

(u6)-[:Read{Rate:5}]->(b188),

(u6)-[:Read{Rate:7}]->(b100),

(u6)-[:Read{Rate:2}]->(b360),

(u6)-[:Read{Rate:2}]->(b366),

(u6)-[:Read{Rate:9}]->(b476),

(u6)-[:Read{Rate:6}]->(b159),

(u6)-[:Read{Rate:5}]->(b328),

(u6)-[:Read{Rate:10}]->(b248),

(u6)-[:Read{Rate:1}]->(b370),

(u7)-[:Read{Rate:8}]->(b142),

(u7)-[:Read{Rate:9}]->(b44),

(u7)-[:Read{Rate:3}]->(b385),

(u7)-[:Read{Rate:2}]->(b314),

(u7)-[:Read{Rate:4}]->(b105),

(u7)-[:Read{Rate:1}]->(b20),

(u7)-[:Read{Rate:2}]->(b94),

(u7)-[:Read{Rate:9}]->(b460),

(u7)-[:Read{Rate:9}]->(b185),

(u7)-[:Read{Rate:2}]->(b124),

(u7)-[:Read{Rate:6}]->(b478),

(u7)-[:Read{Rate:2}]->(b409),

(u7)-[:Read{Rate:8}]->(b112),

(u7)-[:Read{Rate:2}]->(b35),

(u7)-[:Read{Rate:3}]->(b277),

(u7)-[:Read{Rate:4}]->(b341),

(u7)-[:Read{Rate:4}]->(b218),

(u7)-[:Read{Rate:10}]->(b93),

(u7)-[:Read{Rate:10}]->(b325),

(u7)-[:Read{Rate:4}]->(b105),

(u7)-[:Read{Rate:9}]->(b443),

(u7)-[:Read{Rate:9}]->(b53),

(u7)-[:Read{Rate:1}]->(b360),

(u7)-[:Read{Rate:8}]->(b434),

(u7)-[:Read{Rate:7}]->(b484),

(u7)-[:Read{Rate:2}]->(b152),

(u7)-[:Read{Rate:10}]->(b135),

(u7)-[:Read{Rate:6}]->(b326),

(u7)-[:Read{Rate:10}]->(b228),

(u7)-[:Read{Rate:2}]->(b221),

(u7)-[:Read{Rate:10}]->(b341),

(u7)-[:Read{Rate:5}]->(b15),

(u7)-[:Read{Rate:7}]->(b334),

(u7)-[:Read{Rate:2}]->(b210),

(u7)-[:Read{Rate:5}]->(b491),

(u7)-[:Read{Rate:2}]->(b90),

(u7)-[:Read{Rate:3}]->(b65),

(u7)-[:Read{Rate:7}]->(b152),

(u7)-[:Read{Rate:7}]->(b360),

(u7)-[:Read{Rate:3}]->(b93),

(u7)-[:Read{Rate:5}]->(b168),

(u7)-[:Read{Rate:8}]->(b40),

(u7)-[:Read{Rate:7}]->(b341),

(u7)-[:Read{Rate:5}]->(b253),

(u7)-[:Read{Rate:8}]->(b185),

(u7)-[:Read{Rate:10}]->(b391),

(u7)-[:Read{Rate:3}]->(b358),

(u7)-[:Read{Rate:3}]->(b104),

(u7)-[:Read{Rate:8}]->(b257),

(u7)-[:Read{Rate:5}]->(b139),

(u7)-[:Read{Rate:3}]->(b376),

(u7)-[:Read{Rate:5}]->(b14),

(u7)-[:Read{Rate:4}]->(b24),

(u7)-[:Read{Rate:5}]->(b259),

(u7)-[:Read{Rate:2}]->(b340),

(u7)-[:Read{Rate:9}]->(b107),

(u7)-[:Read{Rate:2}]->(b64),

(u7)-[:Read{Rate:5}]->(b388),

(u7)-[:Read{Rate:2}]->(b414),

(u7)-[:Read{Rate:3}]->(b342),

(u7)-[:Read{Rate:10}]->(b104),

(u7)-[:Read{Rate:2}]->(b110),

(u7)-[:Read{Rate:1}]->(b454),

(u7)-[:Read{Rate:8}]->(b186),

(u7)-[:Read{Rate:4}]->(b264),

(u7)-[:Read{Rate:6}]->(b92),

(u7)-[:Read{Rate:9}]->(b459),

(u7)-[:Read{Rate:8}]->(b371),

(u7)-[:Read{Rate:6}]->(b131),

(u7)-[:Read{Rate:7}]->(b244),

(u7)-[:Read{Rate:3}]->(b105),

(u7)-[:Read{Rate:10}]->(b170),

(u7)-[:Read{Rate:9}]->(b204),

(u7)-[:Read{Rate:9}]->(b499),

(u7)-[:Read{Rate:1}]->(b26),

(u7)-[:Read{Rate:6}]->(b41),

(u7)-[:Read{Rate:2}]->(b115),

(u7)-[:Read{Rate:3}]->(b252),

(u7)-[:Read{Rate:10}]->(b375),

(u7)-[:Read{Rate:10}]->(b429),

(u7)-[:Read{Rate:2}]->(b92),

(u7)-[:Read{Rate:4}]->(b460),

(u7)-[:Read{Rate:1}]->(b205),

(u7)-[:Read{Rate:9}]->(b378),

(u7)-[:Read{Rate:2}]->(b159),

(u7)-[:Read{Rate:10}]->(b107),

(u7)-[:Read{Rate:8}]->(b482),

(u7)-[:Read{Rate:1}]->(b311),

(u7)-[:Read{Rate:6}]->(b202),

(u7)-[:Read{Rate:10}]->(b345),

(u7)-[:Read{Rate:9}]->(b421),

(u7)-[:Read{Rate:7}]->(b316),

(u7)-[:Read{Rate:5}]->(b339),

(u7)-[:Read{Rate:9}]->(b56),

(u7)-[:Read{Rate:3}]->(b153),

(u7)-[:Read{Rate:2}]->(b209),

(u7)-[:Read{Rate:8}]->(b103),

(u7)-[:Read{Rate:4}]->(b22),

(u7)-[:Read{Rate:1}]->(b483),

(u7)-[:Read{Rate:9}]->(b152),

(u7)-[:Read{Rate:4}]->(b209),

(u7)-[:Read{Rate:3}]->(b315),

(u7)-[:Read{Rate:10}]->(b471),

(u7)-[:Read{Rate:2}]->(b275),

(u7)-[:Read{Rate:8}]->(b272),

(u7)-[:Read{Rate:8}]->(b321),

(u7)-[:Read{Rate:2}]->(b30),

(u7)-[:Read{Rate:3}]->(b56),

(u7)-[:Read{Rate:3}]->(b299),

(u7)-[:Read{Rate:7}]->(b196),

(u7)-[:Read{Rate:6}]->(b495),

(u7)-[:Read{Rate:8}]->(b389),

(u7)-[:Read{Rate:4}]->(b82),

(u7)-[:Read{Rate:5}]->(b178),

(u7)-[:Read{Rate:9}]->(b223),

(u7)-[:Read{Rate:9}]->(b20),

(u7)-[:Read{Rate:7}]->(b106),

(u7)-[:Read{Rate:7}]->(b428),

(u7)-[:Read{Rate:2}]->(b103),

(u7)-[:Read{Rate:10}]->(b417),

(u7)-[:Read{Rate:3}]->(b431),

(u7)-[:Read{Rate:8}]->(b63),

(u7)-[:Read{Rate:7}]->(b295),

(u7)-[:Read{Rate:10}]->(b71),

(u7)-[:Read{Rate:3}]->(b302),

(u7)-[:Read{Rate:5}]->(b242),

(u7)-[:Read{Rate:6}]->(b58),

(u7)-[:Read{Rate:5}]->(b406),

(u7)-[:Read{Rate:9}]->(b79),

(u7)-[:Read{Rate:8}]->(b379),

(u7)-[:Read{Rate:3}]->(b10),

(u7)-[:Read{Rate:3}]->(b366),

(u7)-[:Read{Rate:5}]->(b141),

(u7)-[:Read{Rate:6}]->(b481),

(u7)-[:Read{Rate:6}]->(b190),

(u7)-[:Read{Rate:6}]->(b444),

(u7)-[:Read{Rate:6}]->(b384),

(u7)-[:Read{Rate:2}]->(b486),

(u7)-[:Read{Rate:9}]->(b391),

(u7)-[:Read{Rate:5}]->(b142),

(u7)-[:Read{Rate:5}]->(b28),

(u7)-[:Read{Rate:2}]->(b139),

(u7)-[:Read{Rate:2}]->(b27),

(u7)-[:Read{Rate:6}]->(b41),

(u7)-[:Read{Rate:9}]->(b31),

(u7)-[:Read{Rate:9}]->(b134),

(u7)-[:Read{Rate:2}]->(b274),

(u7)-[:Read{Rate:3}]->(b117),

(u7)-[:Read{Rate:3}]->(b330),

(u7)-[:Read{Rate:5}]->(b166),

(u7)-[:Read{Rate:2}]->(b295),

(u7)-[:Read{Rate:2}]->(b72),

(u7)-[:Read{Rate:9}]->(b378),

(u7)-[:Read{Rate:7}]->(b346),

(u7)-[:Read{Rate:8}]->(b330),

(u7)-[:Read{Rate:10}]->(b372),

(u7)-[:Read{Rate:1}]->(b357),

(u7)-[:Read{Rate:9}]->(b256),

(u7)-[:Read{Rate:5}]->(b420),

(u7)-[:Read{Rate:9}]->(b475),

(u7)-[:Read{Rate:4}]->(b104),

(u7)-[:Read{Rate:10}]->(b249),

(u7)-[:Read{Rate:8}]->(b316),

(u7)-[:Read{Rate:3}]->(b305),

(u7)-[:Read{Rate:5}]->(b456),

(u7)-[:Read{Rate:10}]->(b387),

(u7)-[:Read{Rate:8}]->(b225),

(u7)-[:Read{Rate:9}]->(b309),

(u7)-[:Read{Rate:9}]->(b481),

(u7)-[:Read{Rate:6}]->(b418),

(u7)-[:Read{Rate:8}]->(b367),

(u7)-[:Read{Rate:5}]->(b169),

(u7)-[:Read{Rate:2}]->(b56),

(u7)-[:Read{Rate:10}]->(b444),

(u7)-[:Read{Rate:7}]->(b362),

(u7)-[:Read{Rate:3}]->(b464),

(u7)-[:Read{Rate:1}]->(b56),

(u7)-[:Read{Rate:9}]->(b416),

(u7)-[:Read{Rate:9}]->(b246),

(u7)-[:Read{Rate:10}]->(b325),

(u7)-[:Read{Rate:10}]->(b283),

(u7)-[:Read{Rate:6}]->(b178),

(u7)-[:Read{Rate:10}]->(b337),

(u7)-[:Read{Rate:6}]->(b82),

(u7)-[:Read{Rate:8}]->(b235),

(u7)-[:Read{Rate:7}]->(b46),

(u7)-[:Read{Rate:5}]->(b117),

(u7)-[:Read{Rate:4}]->(b95),

(u7)-[:Read{Rate:9}]->(b264),

(u7)-[:Read{Rate:5}]->(b487),

(u7)-[:Read{Rate:9}]->(b255),

(u7)-[:Read{Rate:3}]->(b222),

(u7)-[:Read{Rate:5}]->(b251),

(u7)-[:Read{Rate:3}]->(b222),

(u7)-[:Read{Rate:2}]->(b489),

(u7)-[:Read{Rate:10}]->(b385),

(u7)-[:Read{Rate:2}]->(b185),

(u7)-[:Read{Rate:8}]->(b212),

(u7)-[:Read{Rate:4}]->(b453),

(u7)-[:Read{Rate:7}]->(b243),

(u7)-[:Read{Rate:9}]->(b450),

(u7)-[:Read{Rate:3}]->(b333),

(u7)-[:Read{Rate:1}]->(b124),

(u7)-[:Read{Rate:1}]->(b247),

(u7)-[:Read{Rate:10}]->(b325),

(u7)-[:Read{Rate:7}]->(b467),

(u7)-[:Read{Rate:1}]->(b481),

(u7)-[:Read{Rate:6}]->(b86),

(u7)-[:Read{Rate:8}]->(b388),

(u7)-[:Read{Rate:3}]->(b256),

(u7)-[:Read{Rate:7}]->(b18),

(u7)-[:Read{Rate:3}]->(b243),

(u7)-[:Read{Rate:4}]->(b56),

(u7)-[:Read{Rate:7}]->(b196),

(u7)-[:Read{Rate:5}]->(b53),

(u7)-[:Read{Rate:4}]->(b378),

(u7)-[:Read{Rate:4}]->(b459),

(u7)-[:Read{Rate:1}]->(b331),

(u7)-[:Read{Rate:3}]->(b12),

(u7)-[:Read{Rate:7}]->(b483),

(u7)-[:Read{Rate:1}]->(b243),

(u7)-[:Read{Rate:6}]->(b394),

(u7)-[:Read{Rate:5}]->(b124),

(u7)-[:Read{Rate:6}]->(b62),

(u7)-[:Read{Rate:1}]->(b455),

(u7)-[:Read{Rate:2}]->(b248),

(u7)-[:Read{Rate:5}]->(b300),

(u7)-[:Read{Rate:9}]->(b445),

(u7)-[:Read{Rate:5}]->(b294),

(u7)-[:Read{Rate:4}]->(b397),

(u7)-[:Read{Rate:10}]->(b434),

(u7)-[:Read{Rate:8}]->(b457),

(u7)-[:Read{Rate:2}]->(b447),

(u7)-[:Read{Rate:4}]->(b7),

(u7)-[:Read{Rate:2}]->(b140),

(u7)-[:Read{Rate:2}]->(b68),

(u7)-[:Read{Rate:1}]->(b180),

(u7)-[:Read{Rate:4}]->(b81),

(u7)-[:Read{Rate:3}]->(b59),

(u7)-[:Read{Rate:2}]->(b287),

(u8)-[:Read{Rate:10}]->(b173),

(u8)-[:Read{Rate:5}]->(b126),

(u8)-[:Read{Rate:9}]->(b343),

(u8)-[:Read{Rate:7}]->(b173),

(u8)-[:Read{Rate:10}]->(b54),

(u8)-[:Read{Rate:9}]->(b400),

(u8)-[:Read{Rate:1}]->(b199),

(u8)-[:Read{Rate:4}]->(b82),

(u8)-[:Read{Rate:9}]->(b149),

(u8)-[:Read{Rate:1}]->(b215),

(u8)-[:Read{Rate:2}]->(b182),

(u8)-[:Read{Rate:10}]->(b296),

(u8)-[:Read{Rate:6}]->(b65),

(u8)-[:Read{Rate:2}]->(b352),

(u8)-[:Read{Rate:6}]->(b205),

(u8)-[:Read{Rate:2}]->(b478),

(u8)-[:Read{Rate:7}]->(b142),

(u8)-[:Read{Rate:10}]->(b291),

(u8)-[:Read{Rate:10}]->(b33),

(u8)-[:Read{Rate:9}]->(b411),

(u8)-[:Read{Rate:10}]->(b54),

(u8)-[:Read{Rate:5}]->(b284),

(u8)-[:Read{Rate:5}]->(b434),

(u8)-[:Read{Rate:7}]->(b45),

(u8)-[:Read{Rate:1}]->(b106),

(u8)-[:Read{Rate:4}]->(b336),

(u8)-[:Read{Rate:8}]->(b280),

(u8)-[:Read{Rate:1}]->(b350),

(u8)-[:Read{Rate:8}]->(b325),

(u8)-[:Read{Rate:2}]->(b374),

(u8)-[:Read{Rate:8}]->(b181),

(u8)-[:Read{Rate:6}]->(b46),

(u8)-[:Read{Rate:2}]->(b365),

(u8)-[:Read{Rate:8}]->(b158),

(u8)-[:Read{Rate:6}]->(b478),

(u8)-[:Read{Rate:7}]->(b36),

(u8)-[:Read{Rate:5}]->(b227),

(u8)-[:Read{Rate:7}]->(b255),

(u8)-[:Read{Rate:1}]->(b0),

(u8)-[:Read{Rate:10}]->(b201),

(u8)-[:Read{Rate:9}]->(b398),

(u8)-[:Read{Rate:4}]->(b325),

(u8)-[:Read{Rate:5}]->(b319),

(u8)-[:Read{Rate:2}]->(b418),

(u8)-[:Read{Rate:1}]->(b160),

(u8)-[:Read{Rate:10}]->(b157),

(u8)-[:Read{Rate:8}]->(b412),

(u8)-[:Read{Rate:3}]->(b474),

(u8)-[:Read{Rate:10}]->(b450),

(u8)-[:Read{Rate:3}]->(b357),

(u8)-[:Read{Rate:10}]->(b36),

(u8)-[:Read{Rate:8}]->(b17),

(u8)-[:Read{Rate:6}]->(b341),

(u8)-[:Read{Rate:3}]->(b300),

(u8)-[:Read{Rate:5}]->(b318),

(u8)-[:Read{Rate:1}]->(b468),

(u8)-[:Read{Rate:7}]->(b282),

(u8)-[:Read{Rate:10}]->(b267),

(u8)-[:Read{Rate:2}]->(b5),

(u8)-[:Read{Rate:8}]->(b46),

(u8)-[:Read{Rate:2}]->(b295),

(u8)-[:Read{Rate:5}]->(b171),

(u8)-[:Read{Rate:9}]->(b18),

(u8)-[:Read{Rate:2}]->(b180),

(u8)-[:Read{Rate:8}]->(b155),

(u8)-[:Read{Rate:4}]->(b409),

(u8)-[:Read{Rate:8}]->(b209),

(u8)-[:Read{Rate:5}]->(b59),

(u8)-[:Read{Rate:5}]->(b193),

(u8)-[:Read{Rate:7}]->(b12),

(u9)-[:Read{Rate:10}]->(b251),

(u9)-[:Read{Rate:7}]->(b304),

(u9)-[:Read{Rate:7}]->(b33),

(u9)-[:Read{Rate:9}]->(b363),

(u9)-[:Read{Rate:10}]->(b60),

(u9)-[:Read{Rate:5}]->(b401),

(u9)-[:Read{Rate:9}]->(b261),

(u9)-[:Read{Rate:2}]->(b106),

(u9)-[:Read{Rate:2}]->(b305),

(u9)-[:Read{Rate:8}]->(b108),

(u9)-[:Read{Rate:4}]->(b495),

(u9)-[:Read{Rate:8}]->(b380),

(u9)-[:Read{Rate:9}]->(b277),

(u9)-[:Read{Rate:9}]->(b479),

(u9)-[:Read{Rate:5}]->(b333),

(u9)-[:Read{Rate:3}]->(b184),

(u9)-[:Read{Rate:10}]->(b129),

(u9)-[:Read{Rate:4}]->(b157),

(u9)-[:Read{Rate:10}]->(b65),

(u9)-[:Read{Rate:5}]->(b115),

(u9)-[:Read{Rate:10}]->(b38),

(u9)-[:Read{Rate:1}]->(b107),

(u9)-[:Read{Rate:2}]->(b457),

(u9)-[:Read{Rate:2}]->(b79),

(u9)-[:Read{Rate:10}]->(b296),

(u9)-[:Read{Rate:1}]->(b456),

(u9)-[:Read{Rate:2}]->(b72),

(u9)-[:Read{Rate:2}]->(b14),

(u9)-[:Read{Rate:3}]->(b421),

(u9)-[:Read{Rate:2}]->(b467),

(u9)-[:Read{Rate:5}]->(b248),

(u9)-[:Read{Rate:1}]->(b466),

(u9)-[:Read{Rate:3}]->(b256),

(u9)-[:Read{Rate:6}]->(b313),

(u9)-[:Read{Rate:4}]->(b386),

(u9)-[:Read{Rate:3}]->(b70),

(u9)-[:Read{Rate:10}]->(b338),

(u9)-[:Read{Rate:2}]->(b14),

(u9)-[:Read{Rate:4}]->(b242),

(u9)-[:Read{Rate:6}]->(b145),

(u9)-[:Read{Rate:5}]->(b196),

(u9)-[:Read{Rate:2}]->(b115),

(u9)-[:Read{Rate:5}]->(b238),

(u9)-[:Read{Rate:1}]->(b97),

(u9)-[:Read{Rate:5}]->(b120),

(u9)-[:Read{Rate:3}]->(b230),

(u9)-[:Read{Rate:5}]->(b213),

(u9)-[:Read{Rate:2}]->(b294),

(u9)-[:Read{Rate:2}]->(b466),

(u9)-[:Read{Rate:4}]->(b87),

(u9)-[:Read{Rate:7}]->(b218),

(u9)-[:Read{Rate:3}]->(b462),

(u9)-[:Read{Rate:4}]->(b166),

(u9)-[:Read{Rate:5}]->(b280),

(u9)-[:Read{Rate:4}]->(b252),

(u9)-[:Read{Rate:5}]->(b74),

(u9)-[:Read{Rate:8}]->(b163),

(u9)-[:Read{Rate:2}]->(b0),

(u9)-[:Read{Rate:4}]->(b218),

(u9)-[:Read{Rate:10}]->(b231),

(u9)-[:Read{Rate:3}]->(b275),

(u9)-[:Read{Rate:1}]->(b385),

(u9)-[:Read{Rate:7}]->(b415),

(u9)-[:Read{Rate:10}]->(b47),

(u9)-[:Read{Rate:4}]->(b103),

(u9)-[:Read{Rate:1}]->(b488),

(u9)-[:Read{Rate:3}]->(b210),

(u9)-[:Read{Rate:6}]->(b483),

(u9)-[:Read{Rate:5}]->(b103),

(u9)-[:Read{Rate:10}]->(b414),

(u9)-[:Read{Rate:4}]->(b332),

(u9)-[:Read{Rate:9}]->(b391),

(u9)-[:Read{Rate:6}]->(b79),

(u9)-[:Read{Rate:6}]->(b344),

(u9)-[:Read{Rate:8}]->(b36),

(u9)-[:Read{Rate:9}]->(b65),

(u9)-[:Read{Rate:5}]->(b197),

(u9)-[:Read{Rate:1}]->(b262),

(u9)-[:Read{Rate:1}]->(b234),

(u9)-[:Read{Rate:9}]->(b54),

(u9)-[:Read{Rate:9}]->(b18),

(u9)-[:Read{Rate:6}]->(b378),

(u9)-[:Read{Rate:1}]->(b489),

(u9)-[:Read{Rate:5}]->(b333),

(u9)-[:Read{Rate:9}]->(b407),

(u9)-[:Read{Rate:8}]->(b249),

(u9)-[:Read{Rate:2}]->(b281),

(u9)-[:Read{Rate:2}]->(b394),

(u9)-[:Read{Rate:5}]->(b381),

(u9)-[:Read{Rate:2}]->(b80),

(u9)-[:Read{Rate:7}]->(b7),

(u9)-[:Read{Rate:1}]->(b81),

(u9)-[:Read{Rate:1}]->(b202),

(u9)-[:Read{Rate:7}]->(b318),

(u9)-[:Read{Rate:4}]->(b136),

(u9)-[:Read{Rate:1}]->(b372),

(u9)-[:Read{Rate:7}]->(b371),

(u9)-[:Read{Rate:3}]->(b421),

(u9)-[:Read{Rate:1}]->(b18),

(u9)-[:Read{Rate:4}]->(b288),

(u9)-[:Read{Rate:10}]->(b180),

(u9)-[:Read{Rate:5}]->(b315),

(u9)-[:Read{Rate:8}]->(b216),

(u9)-[:Read{Rate:8}]->(b215),

(u9)-[:Read{Rate:10}]->(b23),

(u9)-[:Read{Rate:8}]->(b430),

(u9)-[:Read{Rate:5}]->(b369),

(u9)-[:Read{Rate:6}]->(b479),

(u9)-[:Read{Rate:8}]->(b24),

(u9)-[:Read{Rate:9}]->(b439),

(u9)-[:Read{Rate:1}]->(b250),

(u9)-[:Read{Rate:2}]->(b495),

(u9)-[:Read{Rate:8}]->(b206),

(u9)-[:Read{Rate:8}]->(b433),

(u10)-[:Read{Rate:2}]->(b350),

(u10)-[:Read{Rate:5}]->(b451),

(u10)-[:Read{Rate:7}]->(b103),

(u10)-[:Read{Rate:1}]->(b319),

(u10)-[:Read{Rate:3}]->(b110),

(u10)-[:Read{Rate:3}]->(b251),

(u10)-[:Read{Rate:7}]->(b420),

(u10)-[:Read{Rate:9}]->(b238),

(u10)-[:Read{Rate:9}]->(b212),

(u10)-[:Read{Rate:1}]->(b321),

(u10)-[:Read{Rate:6}]->(b58),

(u10)-[:Read{Rate:3}]->(b161),

(u10)-[:Read{Rate:2}]->(b208),

(u10)-[:Read{Rate:6}]->(b84),

(u10)-[:Read{Rate:1}]->(b348),

(u10)-[:Read{Rate:4}]->(b319),

(u10)-[:Read{Rate:5}]->(b489),

(u10)-[:Read{Rate:5}]->(b282),

(u10)-[:Read{Rate:5}]->(b360),

(u10)-[:Read{Rate:5}]->(b231),

(u10)-[:Read{Rate:9}]->(b194),

(u10)-[:Read{Rate:3}]->(b231),

(u10)-[:Read{Rate:10}]->(b59),

(u10)-[:Read{Rate:7}]->(b206),

(u10)-[:Read{Rate:5}]->(b330),

(u10)-[:Read{Rate:9}]->(b316),

(u10)-[:Read{Rate:6}]->(b244),

(u10)-[:Read{Rate:7}]->(b71),

(u10)-[:Read{Rate:4}]->(b320),

(u10)-[:Read{Rate:1}]->(b327),

(u10)-[:Read{Rate:8}]->(b497),

(u10)-[:Read{Rate:5}]->(b47),

(u10)-[:Read{Rate:9}]->(b272),

(u10)-[:Read{Rate:1}]->(b233),

(u10)-[:Read{Rate:3}]->(b466),

(u10)-[:Read{Rate:10}]->(b287),

(u10)-[:Read{Rate:6}]->(b213),

(u10)-[:Read{Rate:2}]->(b382),

(u10)-[:Read{Rate:6}]->(b283),

(u10)-[:Read{Rate:6}]->(b228),

(u10)-[:Read{Rate:8}]->(b143),

(u10)-[:Read{Rate:2}]->(b266),

(u10)-[:Read{Rate:9}]->(b389),

(u10)-[:Read{Rate:10}]->(b273),

(u10)-[:Read{Rate:7}]->(b449),

(u10)-[:Read{Rate:3}]->(b133),

(u10)-[:Read{Rate:9}]->(b337),

(u10)-[:Read{Rate:8}]->(b105),

(u10)-[:Read{Rate:4}]->(b325),

(u10)-[:Read{Rate:5}]->(b333),

(u10)-[:Read{Rate:6}]->(b166),

(u10)-[:Read{Rate:6}]->(b436),

(u10)-[:Read{Rate:7}]->(b221),

(u10)-[:Read{Rate:1}]->(b436),

(u10)-[:Read{Rate:2}]->(b456),

(u10)-[:Read{Rate:2}]->(b57),

(u10)-[:Read{Rate:7}]->(b455),

(u10)-[:Read{Rate:4}]->(b400),

(u10)-[:Read{Rate:6}]->(b386),

(u10)-[:Read{Rate:9}]->(b89),

(u10)-[:Read{Rate:8}]->(b475),

(u10)-[:Read{Rate:10}]->(b159),

(u10)-[:Read{Rate:6}]->(b396),

(u10)-[:Read{Rate:7}]->(b282),

(u10)-[:Read{Rate:1}]->(b277),

(u10)-[:Read{Rate:8}]->(b321),

(u10)-[:Read{Rate:10}]->(b89),

(u10)-[:Read{Rate:4}]->(b476),

(u10)-[:Read{Rate:8}]->(b198),

(u10)-[:Read{Rate:4}]->(b437),

(u10)-[:Read{Rate:8}]->(b13),

(u10)-[:Read{Rate:10}]->(b461),

(u10)-[:Read{Rate:9}]->(b364),

(u10)-[:Read{Rate:6}]->(b328),

(u10)-[:Read{Rate:4}]->(b428),

(u10)-[:Read{Rate:10}]->(b342),

(u10)-[:Read{Rate:6}]->(b227),

(u10)-[:Read{Rate:1}]->(b0),

(u10)-[:Read{Rate:1}]->(b172),

(u10)-[:Read{Rate:2}]->(b109),

(u10)-[:Read{Rate:4}]->(b358),

(u10)-[:Read{Rate:8}]->(b68),

(u10)-[:Read{Rate:8}]->(b317),

(u10)-[:Read{Rate:9}]->(b277),

(u10)-[:Read{Rate:1}]->(b392),

(u10)-[:Read{Rate:2}]->(b463),

(u10)-[:Read{Rate:6}]->(b450),

(u10)-[:Read{Rate:6}]->(b380),

(u10)-[:Read{Rate:7}]->(b455),

(u10)-[:Read{Rate:2}]->(b64),

(u10)-[:Read{Rate:6}]->(b380),

(u10)-[:Read{Rate:9}]->(b487),

(u10)-[:Read{Rate:5}]->(b383),

(u10)-[:Read{Rate:9}]->(b245),

(u10)-[:Read{Rate:7}]->(b59),

(u10)-[:Read{Rate:3}]->(b498),

(u10)-[:Read{Rate:5}]->(b345),

(u10)-[:Read{Rate:2}]->(b414),

(u10)-[:Read{Rate:5}]->(b64),

(u10)-[:Read{Rate:9}]->(b107),

(u10)-[:Read{Rate:4}]->(b1),

(u10)-[:Read{Rate:6}]->(b47),

(u10)-[:Read{Rate:2}]->(b455),

(u10)-[:Read{Rate:10}]->(b482),

(u10)-[:Read{Rate:3}]->(b223),

(u10)-[:Read{Rate:6}]->(b188),

(u10)-[:Read{Rate:4}]->(b353),

(u10)-[:Read{Rate:5}]->(b235),

(u10)-[:Read{Rate:1}]->(b90),

(u10)-[:Read{Rate:5}]->(b286),

(u10)-[:Read{Rate:10}]->(b70),

(u10)-[:Read{Rate:3}]->(b487),

(u10)-[:Read{Rate:8}]->(b388),

(u10)-[:Read{Rate:7}]->(b496),

(u10)-[:Read{Rate:2}]->(b270),

(u10)-[:Read{Rate:8}]->(b101),

(u10)-[:Read{Rate:1}]->(b91),

(u10)-[:Read{Rate:9}]->(b407),

(u10)-[:Read{Rate:3}]->(b406),

(u10)-[:Read{Rate:4}]->(b77),

(u10)-[:Read{Rate:2}]->(b188),

(u10)-[:Read{Rate:6}]->(b126),

(u10)-[:Read{Rate:7}]->(b186),

(u10)-[:Read{Rate:4}]->(b51),

(u10)-[:Read{Rate:9}]->(b393),

(u10)-[:Read{Rate:5}]->(b410),

(u10)-[:Read{Rate:8}]->(b154),

(u10)-[:Read{Rate:6}]->(b150),

(u10)-[:Read{Rate:2}]->(b95),

(u10)-[:Read{Rate:1}]->(b242),

(u10)-[:Read{Rate:5}]->(b326),

(u10)-[:Read{Rate:9}]->(b200),

(u10)-[:Read{Rate:4}]->(b291),

(u10)-[:Read{Rate:7}]->(b37),

(u10)-[:Read{Rate:1}]->(b495),

(u10)-[:Read{Rate:9}]->(b266),

(u10)-[:Read{Rate:6}]->(b12),

(u10)-[:Read{Rate:8}]->(b400),

(u10)-[:Read{Rate:10}]->(b328),

(u10)-[:Read{Rate:3}]->(b169),

(u10)-[:Read{Rate:8}]->(b15),

(u10)-[:Read{Rate:10}]->(b162),

(u10)-[:Read{Rate:6}]->(b274),

(u10)-[:Read{Rate:8}]->(b312),

(u10)-[:Read{Rate:7}]->(b259),

(u10)-[:Read{Rate:1}]->(b251),

(u10)-[:Read{Rate:7}]->(b96),

(u10)-[:Read{Rate:1}]->(b121),

(u10)-[:Read{Rate:1}]->(b346),

(u10)-[:Read{Rate:2}]->(b321),

(u10)-[:Read{Rate:5}]->(b499),

(u10)-[:Read{Rate:9}]->(b375),

(u10)-[:Read{Rate:1}]->(b108),

(u10)-[:Read{Rate:9}]->(b147),

(u10)-[:Read{Rate:8}]->(b46),

(u10)-[:Read{Rate:8}]->(b346),

(u10)-[:Read{Rate:8}]->(b495),

(u10)-[:Read{Rate:2}]->(b332),

(u10)-[:Read{Rate:9}]->(b189),

(u10)-[:Read{Rate:9}]->(b82),

(u10)-[:Read{Rate:3}]->(b77),

(u10)-[:Read{Rate:4}]->(b316),

(u10)-[:Read{Rate:10}]->(b180),

(u10)-[:Read{Rate:1}]->(b295),

(u10)-[:Read{Rate:4}]->(b251),

(u10)-[:Read{Rate:5}]->(b342),

(u10)-[:Read{Rate:4}]->(b367),

(u10)-[:Read{Rate:1}]->(b425),

(u10)-[:Read{Rate:3}]->(b387),

(u10)-[:Read{Rate:10}]->(b101),

(u10)-[:Read{Rate:8}]->(b186),

(u10)-[:Read{Rate:7}]->(b304),

(u10)-[:Read{Rate:3}]->(b213),

(u10)-[:Read{Rate:7}]->(b489),

(u11)-[:Read{Rate:5}]->(b256),

(u11)-[:Read{Rate:1}]->(b423),

(u11)-[:Read{Rate:5}]->(b70),

(u11)-[:Read{Rate:1}]->(b115),

(u11)-[:Read{Rate:8}]->(b349),

(u11)-[:Read{Rate:6}]->(b6),

(u11)-[:Read{Rate:5}]->(b89),

(u11)-[:Read{Rate:10}]->(b389),

(u11)-[:Read{Rate:2}]->(b396),

(u11)-[:Read{Rate:7}]->(b173),

(u11)-[:Read{Rate:1}]->(b307),

(u11)-[:Read{Rate:8}]->(b468),

(u11)-[:Read{Rate:3}]->(b386),

(u11)-[:Read{Rate:7}]->(b148),

(u11)-[:Read{Rate:4}]->(b334),

(u11)-[:Read{Rate:6}]->(b95),

(u11)-[:Read{Rate:8}]->(b81),

(u11)-[:Read{Rate:6}]->(b313),

(u11)-[:Read{Rate:5}]->(b497),

(u11)-[:Read{Rate:3}]->(b297),

(u11)-[:Read{Rate:5}]->(b58),

(u11)-[:Read{Rate:6}]->(b240),

(u11)-[:Read{Rate:3}]->(b363),

(u11)-[:Read{Rate:10}]->(b312),

(u11)-[:Read{Rate:3}]->(b23),

(u11)-[:Read{Rate:1}]->(b127),

(u11)-[:Read{Rate:1}]->(b175),

(u11)-[:Read{Rate:2}]->(b39),

(u11)-[:Read{Rate:4}]->(b82),

(u11)-[:Read{Rate:7}]->(b110),

(u11)-[:Read{Rate:10}]->(b106),

(u11)-[:Read{Rate:4}]->(b219),

(u11)-[:Read{Rate:1}]->(b421),

(u11)-[:Read{Rate:5}]->(b439),

(u11)-[:Read{Rate:4}]->(b43),

(u11)-[:Read{Rate:9}]->(b114),

(u11)-[:Read{Rate:6}]->(b86),

(u11)-[:Read{Rate:6}]->(b127),

(u11)-[:Read{Rate:5}]->(b158),

(u11)-[:Read{Rate:1}]->(b132),

(u11)-[:Read{Rate:3}]->(b103),

(u11)-[:Read{Rate:8}]->(b53),

(u11)-[:Read{Rate:2}]->(b488),

(u11)-[:Read{Rate:1}]->(b354),

(u11)-[:Read{Rate:9}]->(b443),

(u11)-[:Read{Rate:2}]->(b202),

(u11)-[:Read{Rate:7}]->(b303),

(u11)-[:Read{Rate:3}]->(b43),

(u11)-[:Read{Rate:2}]->(b408),

(u11)-[:Read{Rate:10}]->(b498),

(u11)-[:Read{Rate:6}]->(b312),

(u11)-[:Read{Rate:3}]->(b149),

(u11)-[:Read{Rate:10}]->(b49),

(u11)-[:Read{Rate:4}]->(b353),

(u11)-[:Read{Rate:8}]->(b300),

(u11)-[:Read{Rate:10}]->(b459),

(u11)-[:Read{Rate:9}]->(b397),

(u11)-[:Read{Rate:10}]->(b124),

(u11)-[:Read{Rate:7}]->(b472),

(u11)-[:Read{Rate:4}]->(b151),

(u11)-[:Read{Rate:4}]->(b351),

(u11)-[:Read{Rate:7}]->(b437),

(u11)-[:Read{Rate:7}]->(b412),

(u11)-[:Read{Rate:8}]->(b203),

(u11)-[:Read{Rate:9}]->(b273),

(u11)-[:Read{Rate:10}]->(b248),

(u11)-[:Read{Rate:5}]->(b51),

(u11)-[:Read{Rate:8}]->(b88),

(u11)-[:Read{Rate:9}]->(b283),

(u11)-[:Read{Rate:2}]->(b236),

(u11)-[:Read{Rate:6}]->(b179),

(u11)-[:Read{Rate:5}]->(b137),

(u11)-[:Read{Rate:3}]->(b311),

(u11)-[:Read{Rate:6}]->(b496),

(u11)-[:Read{Rate:6}]->(b4),

(u11)-[:Read{Rate:8}]->(b498),

(u11)-[:Read{Rate:1}]->(b39),

(u11)-[:Read{Rate:1}]->(b428),

(u11)-[:Read{Rate:1}]->(b495),

(u11)-[:Read{Rate:1}]->(b426),

(u11)-[:Read{Rate:4}]->(b240),

(u11)-[:Read{Rate:1}]->(b66),

(u11)-[:Read{Rate:6}]->(b315),

(u11)-[:Read{Rate:3}]->(b55),

(u11)-[:Read{Rate:5}]->(b367),

(u11)-[:Read{Rate:4}]->(b13),

(u11)-[:Read{Rate:8}]->(b312),

(u11)-[:Read{Rate:10}]->(b450),

(u11)-[:Read{Rate:1}]->(b435),

(u11)-[:Read{Rate:5}]->(b66),

(u11)-[:Read{Rate:4}]->(b73),

(u11)-[:Read{Rate:6}]->(b290),

(u11)-[:Read{Rate:6}]->(b257),

(u11)-[:Read{Rate:9}]->(b320),

(u11)-[:Read{Rate:1}]->(b452),

(u11)-[:Read{Rate:8}]->(b19),

(u11)-[:Read{Rate:4}]->(b284),

(u11)-[:Read{Rate:4}]->(b150),

(u11)-[:Read{Rate:9}]->(b350),

(u11)-[:Read{Rate:2}]->(b317),

(u11)-[:Read{Rate:6}]->(b60),

(u11)-[:Read{Rate:1}]->(b1),

(u11)-[:Read{Rate:9}]->(b20),

(u11)-[:Read{Rate:1}]->(b397),

(u11)-[:Read{Rate:8}]->(b434),

(u11)-[:Read{Rate:9}]->(b392),

(u11)-[:Read{Rate:9}]->(b465),

(u11)-[:Read{Rate:5}]->(b180),

(u11)-[:Read{Rate:1}]->(b238),

(u11)-[:Read{Rate:7}]->(b433),

(u11)-[:Read{Rate:2}]->(b430),

(u11)-[:Read{Rate:5}]->(b158),

(u11)-[:Read{Rate:8}]->(b109),

(u11)-[:Read{Rate:7}]->(b389),

(u11)-[:Read{Rate:6}]->(b184),

(u11)-[:Read{Rate:1}]->(b23),

(u11)-[:Read{Rate:3}]->(b227),

(u11)-[:Read{Rate:8}]->(b279),

(u11)-[:Read{Rate:1}]->(b37),

(u11)-[:Read{Rate:9}]->(b10),

(u11)-[:Read{Rate:9}]->(b441),

(u11)-[:Read{Rate:8}]->(b477),

(u11)-[:Read{Rate:8}]->(b449),

(u11)-[:Read{Rate:1}]->(b130),

(u11)-[:Read{Rate:5}]->(b353),

(u11)-[:Read{Rate:9}]->(b109),

(u11)-[:Read{Rate:1}]->(b450),

(u11)-[:Read{Rate:10}]->(b227),

(u11)-[:Read{Rate:6}]->(b482),

(u11)-[:Read{Rate:8}]->(b349),

(u11)-[:Read{Rate:1}]->(b475),

(u11)-[:Read{Rate:3}]->(b57),

(u11)-[:Read{Rate:9}]->(b450),

(u11)-[:Read{Rate:10}]->(b134),

(u11)-[:Read{Rate:9}]->(b186),

(u11)-[:Read{Rate:9}]->(b449),

(u11)-[:Read{Rate:1}]->(b391),

(u11)-[:Read{Rate:5}]->(b151),

(u11)-[:Read{Rate:1}]->(b364),

(u11)-[:Read{Rate:1}]->(b225),

(u11)-[:Read{Rate:3}]->(b273),

(u11)-[:Read{Rate:6}]->(b25),

(u11)-[:Read{Rate:1}]->(b329),

(u11)-[:Read{Rate:8}]->(b153),

(u11)-[:Read{Rate:10}]->(b195),

(u11)-[:Read{Rate:2}]->(b442),

(u11)-[:Read{Rate:10}]->(b273),

(u11)-[:Read{Rate:3}]->(b472),

(u11)-[:Read{Rate:9}]->(b114),

(u11)-[:Read{Rate:2}]->(b135),

(u11)-[:Read{Rate:2}]->(b62),

(u11)-[:Read{Rate:2}]->(b427),

(u11)-[:Read{Rate:3}]->(b39),

(u11)-[:Read{Rate:1}]->(b451),

(u11)-[:Read{Rate:10}]->(b34),

(u11)-[:Read{Rate:2}]->(b491),

(u11)-[:Read{Rate:10}]->(b494),

(u11)-[:Read{Rate:7}]->(b275),

(u11)-[:Read{Rate:9}]->(b468),

(u11)-[:Read{Rate:1}]->(b111),

(u11)-[:Read{Rate:7}]->(b319),

(u11)-[:Read{Rate:4}]->(b444),

(u11)-[:Read{Rate:9}]->(b407),

(u11)-[:Read{Rate:9}]->(b165),

(u11)-[:Read{Rate:10}]->(b213),

(u11)-[:Read{Rate:5}]->(b224),

(u11)-[:Read{Rate:1}]->(b235),

(u11)-[:Read{Rate:10}]->(b303),

(u11)-[:Read{Rate:4}]->(b429),

(u11)-[:Read{Rate:9}]->(b389),

(u11)-[:Read{Rate:5}]->(b77),

(u11)-[:Read{Rate:5}]->(b448),

(u11)-[:Read{Rate:5}]->(b128),

(u11)-[:Read{Rate:2}]->(b216),

(u11)-[:Read{Rate:2}]->(b151),

(u11)-[:Read{Rate:4}]->(b273),

(u11)-[:Read{Rate:2}]->(b254),

(u11)-[:Read{Rate:6}]->(b150),

(u11)-[:Read{Rate:1}]->(b47),

(u11)-[:Read{Rate:7}]->(b486),

(u11)-[:Read{Rate:7}]->(b459),

(u11)-[:Read{Rate:3}]->(b77),

(u11)-[:Read{Rate:6}]->(b200),

(u11)-[:Read{Rate:6}]->(b226),

(u11)-[:Read{Rate:5}]->(b174),

(u11)-[:Read{Rate:2}]->(b330),

(u11)-[:Read{Rate:1}]->(b354),

(u11)-[:Read{Rate:3}]->(b96),

(u11)-[:Read{Rate:8}]->(b205),

(u11)-[:Read{Rate:3}]->(b290),

(u11)-[:Read{Rate:7}]->(b284),

(u11)-[:Read{Rate:5}]->(b202),

(u11)-[:Read{Rate:6}]->(b63),

(u11)-[:Read{Rate:1}]->(b207),

(u11)-[:Read{Rate:8}]->(b314),

(u11)-[:Read{Rate:4}]->(b169),

(u11)-[:Read{Rate:4}]->(b8),

(u11)-[:Read{Rate:6}]->(b158),

(u11)-[:Read{Rate:7}]->(b181),

(u11)-[:Read{Rate:8}]->(b404),

(u11)-[:Read{Rate:5}]->(b102),

(u11)-[:Read{Rate:4}]->(b271),

(u11)-[:Read{Rate:7}]->(b55),

(u11)-[:Read{Rate:5}]->(b6),

(u11)-[:Read{Rate:8}]->(b218),

(u11)-[:Read{Rate:8}]->(b162),

(u11)-[:Read{Rate:6}]->(b220),

(u12)-[:Read{Rate:2}]->(b12),

(u12)-[:Read{Rate:9}]->(b116),

(u12)-[:Read{Rate:5}]->(b358),

(u12)-[:Read{Rate:5}]->(b300),

(u12)-[:Read{Rate:6}]->(b235),

(u12)-[:Read{Rate:2}]->(b4),

(u12)-[:Read{Rate:9}]->(b135),

(u12)-[:Read{Rate:10}]->(b393),

(u12)-[:Read{Rate:10}]->(b203),

(u12)-[:Read{Rate:1}]->(b311),

(u12)-[:Read{Rate:1}]->(b260),

(u12)-[:Read{Rate:1}]->(b466),

(u12)-[:Read{Rate:8}]->(b222),

(u12)-[:Read{Rate:4}]->(b290),

(u12)-[:Read{Rate:9}]->(b361),

(u12)-[:Read{Rate:7}]->(b388),

(u12)-[:Read{Rate:9}]->(b260),

(u12)-[:Read{Rate:5}]->(b156),

(u12)-[:Read{Rate:3}]->(b246),

(u12)-[:Read{Rate:9}]->(b147),

(u12)-[:Read{Rate:2}]->(b86),

(u12)-[:Read{Rate:6}]->(b421),

(u12)-[:Read{Rate:1}]->(b77),

(u12)-[:Read{Rate:3}]->(b163),

(u12)-[:Read{Rate:5}]->(b480),

(u12)-[:Read{Rate:4}]->(b139),

(u12)-[:Read{Rate:8}]->(b275),

(u12)-[:Read{Rate:8}]->(b210),

(u12)-[:Read{Rate:3}]->(b406),

(u12)-[:Read{Rate:10}]->(b169),

(u12)-[:Read{Rate:4}]->(b284),

(u12)-[:Read{Rate:9}]->(b273),

(u12)-[:Read{Rate:2}]->(b157),

(u12)-[:Read{Rate:4}]->(b432),

(u12)-[:Read{Rate:2}]->(b262),

(u12)-[:Read{Rate:10}]->(b384),

(u12)-[:Read{Rate:3}]->(b182),

(u12)-[:Read{Rate:6}]->(b79),

(u12)-[:Read{Rate:1}]->(b234),

(u12)-[:Read{Rate:9}]->(b50),

(u12)-[:Read{Rate:1}]->(b264),

(u12)-[:Read{Rate:3}]->(b103),

(u12)-[:Read{Rate:9}]->(b429),

(u12)-[:Read{Rate:6}]->(b242),

(u12)-[:Read{Rate:10}]->(b336),

(u12)-[:Read{Rate:4}]->(b460),

(u12)-[:Read{Rate:5}]->(b175),

(u12)-[:Read{Rate:5}]->(b353),

(u12)-[:Read{Rate:3}]->(b442),

(u12)-[:Read{Rate:9}]->(b479),

(u12)-[:Read{Rate:8}]->(b399),

(u12)-[:Read{Rate:9}]->(b268),

(u12)-[:Read{Rate:1}]->(b105),

(u12)-[:Read{Rate:8}]->(b73),

(u12)-[:Read{Rate:3}]->(b171),

(u12)-[:Read{Rate:8}]->(b481),

(u12)-[:Read{Rate:9}]->(b174),

(u12)-[:Read{Rate:7}]->(b181),

(u12)-[:Read{Rate:6}]->(b271),

(u12)-[:Read{Rate:10}]->(b390),

(u12)-[:Read{Rate:3}]->(b45),

(u12)-[:Read{Rate:8}]->(b395),

(u12)-[:Read{Rate:7}]->(b193),

(u12)-[:Read{Rate:1}]->(b342),

(u12)-[:Read{Rate:4}]->(b357),

(u12)-[:Read{Rate:2}]->(b209),

(u12)-[:Read{Rate:10}]->(b19),

(u12)-[:Read{Rate:9}]->(b97),

(u12)-[:Read{Rate:6}]->(b323),

(u12)-[:Read{Rate:5}]->(b271),

(u12)-[:Read{Rate:4}]->(b349),

(u12)-[:Read{Rate:6}]->(b271),

(u12)-[:Read{Rate:8}]->(b180),

(u12)-[:Read{Rate:7}]->(b386),

(u12)-[:Read{Rate:5}]->(b359),

(u12)-[:Read{Rate:6}]->(b113),

(u12)-[:Read{Rate:2}]->(b379),

(u12)-[:Read{Rate:3}]->(b37),

(u12)-[:Read{Rate:3}]->(b114),

(u12)-[:Read{Rate:9}]->(b33),

(u12)-[:Read{Rate:10}]->(b257),

(u12)-[:Read{Rate:4}]->(b389),

(u12)-[:Read{Rate:6}]->(b364),

(u12)-[:Read{Rate:7}]->(b180),

(u12)-[:Read{Rate:6}]->(b458),

(u12)-[:Read{Rate:9}]->(b123),

(u12)-[:Read{Rate:3}]->(b194),

(u12)-[:Read{Rate:4}]->(b449),

(u12)-[:Read{Rate:3}]->(b306),

(u12)-[:Read{Rate:3}]->(b317),

(u12)-[:Read{Rate:5}]->(b158),

(u12)-[:Read{Rate:8}]->(b216),

(u12)-[:Read{Rate:6}]->(b55),

(u12)-[:Read{Rate:8}]->(b421),

(u12)-[:Read{Rate:10}]->(b302),

(u12)-[:Read{Rate:5}]->(b92),

(u12)-[:Read{Rate:4}]->(b422),

(u12)-[:Read{Rate:8}]->(b370),

(u12)-[:Read{Rate:9}]->(b334),

(u12)-[:Read{Rate:6}]->(b67),

(u12)-[:Read{Rate:4}]->(b237),

(u12)-[:Read{Rate:1}]->(b118),

(u12)-[:Read{Rate:9}]->(b15),

(u12)-[:Read{Rate:2}]->(b189),

(u12)-[:Read{Rate:2}]->(b418),

(u12)-[:Read{Rate:2}]->(b328),

(u12)-[:Read{Rate:1}]->(b65),

(u12)-[:Read{Rate:5}]->(b29),

(u12)-[:Read{Rate:8}]->(b134),

(u12)-[:Read{Rate:4}]->(b60),

(u12)-[:Read{Rate:9}]->(b32),

(u12)-[:Read{Rate:4}]->(b488),

(u12)-[:Read{Rate:9}]->(b210),

(u12)-[:Read{Rate:8}]->(b493),

(u12)-[:Read{Rate:2}]->(b364),

(u12)-[:Read{Rate:5}]->(b499),

(u12)-[:Read{Rate:9}]->(b288),

(u12)-[:Read{Rate:10}]->(b87),

(u12)-[:Read{Rate:4}]->(b326),

(u12)-[:Read{Rate:6}]->(b32),

(u12)-[:Read{Rate:4}]->(b354),

(u12)-[:Read{Rate:6}]->(b233),

(u12)-[:Read{Rate:10}]->(b63),

(u12)-[:Read{Rate:10}]->(b4),

(u12)-[:Read{Rate:1}]->(b451),

(u12)-[:Read{Rate:10}]->(b21),

(u12)-[:Read{Rate:3}]->(b131),

(u12)-[:Read{Rate:10}]->(b220),

(u12)-[:Read{Rate:8}]->(b239),

(u12)-[:Read{Rate:8}]->(b68),

(u12)-[:Read{Rate:2}]->(b299),

(u12)-[:Read{Rate:10}]->(b142),

(u12)-[:Read{Rate:9}]->(b308),

(u12)-[:Read{Rate:9}]->(b61),

(u12)-[:Read{Rate:10}]->(b396),

(u12)-[:Read{Rate:8}]->(b420),

(u12)-[:Read{Rate:9}]->(b268),

(u12)-[:Read{Rate:6}]->(b486),

(u12)-[:Read{Rate:6}]->(b348),

(u12)-[:Read{Rate:4}]->(b45),

(u12)-[:Read{Rate:5}]->(b150),

(u12)-[:Read{Rate:5}]->(b79),

(u12)-[:Read{Rate:2}]->(b319),

(u12)-[:Read{Rate:2}]->(b244),

(u12)-[:Read{Rate:6}]->(b73),

(u12)-[:Read{Rate:4}]->(b383),

(u12)-[:Read{Rate:1}]->(b376),

(u12)-[:Read{Rate:3}]->(b129),

(u12)-[:Read{Rate:6}]->(b372),

(u12)-[:Read{Rate:8}]->(b160),

(u12)-[:Read{Rate:2}]->(b131),

(u12)-[:Read{Rate:7}]->(b186),

(u12)-[:Read{Rate:7}]->(b256),

(u12)-[:Read{Rate:7}]->(b67),

(u12)-[:Read{Rate:7}]->(b346),

(u12)-[:Read{Rate:3}]->(b174),

(u12)-[:Read{Rate:5}]->(b21),

(u12)-[:Read{Rate:4}]->(b74),

(u12)-[:Read{Rate:9}]->(b240),

(u12)-[:Read{Rate:3}]->(b242),

(u12)-[:Read{Rate:7}]->(b487),

(u12)-[:Read{Rate:5}]->(b337),

(u12)-[:Read{Rate:4}]->(b397),

(u12)-[:Read{Rate:7}]->(b59),

(u12)-[:Read{Rate:3}]->(b481),

(u12)-[:Read{Rate:7}]->(b236),

(u12)-[:Read{Rate:7}]->(b360),

(u12)-[:Read{Rate:4}]->(b124),

(u12)-[:Read{Rate:8}]->(b240),

(u12)-[:Read{Rate:4}]->(b352),

(u12)-[:Read{Rate:1}]->(b23),

(u12)-[:Read{Rate:7}]->(b249),

(u12)-[:Read{Rate:3}]->(b253),

(u12)-[:Read{Rate:3}]->(b8),

(u12)-[:Read{Rate:10}]->(b97),

(u12)-[:Read{Rate:10}]->(b139),

(u12)-[:Read{Rate:8}]->(b305),

(u12)-[:Read{Rate:10}]->(b387),

(u12)-[:Read{Rate:5}]->(b7),

(u12)-[:Read{Rate:1}]->(b294),

(u12)-[:Read{Rate:8}]->(b148),

(u12)-[:Read{Rate:8}]->(b168),

(u12)-[:Read{Rate:1}]->(b65),

(u12)-[:Read{Rate:1}]->(b270),

(u13)-[:Read{Rate:4}]->(b466),

(u13)-[:Read{Rate:8}]->(b54),

(u13)-[:Read{Rate:2}]->(b328),

(u13)-[:Read{Rate:2}]->(b299),

(u13)-[:Read{Rate:8}]->(b1),

(u13)-[:Read{Rate:10}]->(b195),

(u13)-[:Read{Rate:6}]->(b399),

(u13)-[:Read{Rate:4}]->(b297),

(u13)-[:Read{Rate:6}]->(b480),

(u13)-[:Read{Rate:7}]->(b11),

(u13)-[:Read{Rate:4}]->(b335),

(u13)-[:Read{Rate:1}]->(b321),

(u13)-[:Read{Rate:5}]->(b241),

(u13)-[:Read{Rate:6}]->(b263),

(u13)-[:Read{Rate:8}]->(b25),

(u13)-[:Read{Rate:5}]->(b107),

(u13)-[:Read{Rate:3}]->(b496),

(u13)-[:Read{Rate:10}]->(b145),

(u13)-[:Read{Rate:10}]->(b460),

(u13)-[:Read{Rate:2}]->(b111),

(u13)-[:Read{Rate:2}]->(b192),

(u13)-[:Read{Rate:10}]->(b121),

(u13)-[:Read{Rate:3}]->(b350),

(u13)-[:Read{Rate:4}]->(b162),

(u13)-[:Read{Rate:9}]->(b82),

(u13)-[:Read{Rate:7}]->(b15),

(u13)-[:Read{Rate:7}]->(b412),

(u13)-[:Read{Rate:10}]->(b89),

(u13)-[:Read{Rate:7}]->(b186),

(u13)-[:Read{Rate:3}]->(b102),

(u13)-[:Read{Rate:7}]->(b270),

(u13)-[:Read{Rate:2}]->(b169),

(u13)-[:Read{Rate:1}]->(b199),

(u13)-[:Read{Rate:3}]->(b54),

(u13)-[:Read{Rate:4}]->(b227),

(u13)-[:Read{Rate:7}]->(b190),

(u13)-[:Read{Rate:1}]->(b9),

(u13)-[:Read{Rate:10}]->(b17),

(u13)-[:Read{Rate:9}]->(b89),

(u13)-[:Read{Rate:7}]->(b151),

(u13)-[:Read{Rate:9}]->(b45),

(u13)-[:Read{Rate:1}]->(b31),

(u13)-[:Read{Rate:1}]->(b309),

(u13)-[:Read{Rate:6}]->(b267),

(u13)-[:Read{Rate:6}]->(b359),

(u13)-[:Read{Rate:3}]->(b394),

(u13)-[:Read{Rate:4}]->(b187),

(u13)-[:Read{Rate:1}]->(b341),

(u13)-[:Read{Rate:3}]->(b284),

(u13)-[:Read{Rate:2}]->(b442),

(u13)-[:Read{Rate:7}]->(b318),

(u13)-[:Read{Rate:10}]->(b310),

(u13)-[:Read{Rate:9}]->(b336),

(u13)-[:Read{Rate:1}]->(b207),

(u13)-[:Read{Rate:3}]->(b236),

(u13)-[:Read{Rate:5}]->(b228),

(u13)-[:Read{Rate:1}]->(b442),

(u13)-[:Read{Rate:9}]->(b478),

(u13)-[:Read{Rate:8}]->(b60),

(u13)-[:Read{Rate:4}]->(b373),

(u13)-[:Read{Rate:10}]->(b38),

(u13)-[:Read{Rate:6}]->(b143),

(u13)-[:Read{Rate:7}]->(b68),

(u13)-[:Read{Rate:1}]->(b394),

(u13)-[:Read{Rate:7}]->(b97),

(u13)-[:Read{Rate:9}]->(b299),

(u13)-[:Read{Rate:1}]->(b190),

(u13)-[:Read{Rate:8}]->(b345),

(u13)-[:Read{Rate:6}]->(b23),

(u13)-[:Read{Rate:6}]->(b326),

(u13)-[:Read{Rate:6}]->(b350),

(u13)-[:Read{Rate:4}]->(b229),

(u13)-[:Read{Rate:3}]->(b315),

(u13)-[:Read{Rate:9}]->(b19),

(u13)-[:Read{Rate:6}]->(b291),

(u13)-[:Read{Rate:1}]->(b367),

(u13)-[:Read{Rate:1}]->(b127),

(u13)-[:Read{Rate:10}]->(b276),

(u13)-[:Read{Rate:7}]->(b300),

(u13)-[:Read{Rate:9}]->(b315),

(u13)-[:Read{Rate:5}]->(b339),

(u13)-[:Read{Rate:5}]->(b107),

(u13)-[:Read{Rate:10}]->(b301),

(u13)-[:Read{Rate:1}]->(b295),

(u13)-[:Read{Rate:5}]->(b274),

(u13)-[:Read{Rate:9}]->(b174),

(u13)-[:Read{Rate:5}]->(b271),

(u13)-[:Read{Rate:1}]->(b337),

(u13)-[:Read{Rate:3}]->(b448),

(u14)-[:Read{Rate:10}]->(b371),

(u14)-[:Read{Rate:10}]->(b310),

(u14)-[:Read{Rate:6}]->(b468),

(u14)-[:Read{Rate:10}]->(b483),

(u14)-[:Read{Rate:10}]->(b245),

(u14)-[:Read{Rate:3}]->(b45),

(u14)-[:Read{Rate:9}]->(b464),

(u14)-[:Read{Rate:1}]->(b332),

(u14)-[:Read{Rate:1}]->(b316),

(u14)-[:Read{Rate:3}]->(b266),

(u14)-[:Read{Rate:10}]->(b484),

(u14)-[:Read{Rate:8}]->(b211),

(u14)-[:Read{Rate:2}]->(b272),

(u14)-[:Read{Rate:4}]->(b441),

(u14)-[:Read{Rate:9}]->(b28),

(u14)-[:Read{Rate:6}]->(b293),

(u14)-[:Read{Rate:3}]->(b463),

(u14)-[:Read{Rate:8}]->(b450),

(u14)-[:Read{Rate:5}]->(b205),

(u14)-[:Read{Rate:5}]->(b167),

(u14)-[:Read{Rate:6}]->(b358),

(u14)-[:Read{Rate:3}]->(b394),

(u14)-[:Read{Rate:6}]->(b268),

(u14)-[:Read{Rate:1}]->(b457),

(u14)-[:Read{Rate:1}]->(b82),

(u14)-[:Read{Rate:1}]->(b235),

(u14)-[:Read{Rate:2}]->(b279),

(u14)-[:Read{Rate:5}]->(b353),

(u14)-[:Read{Rate:6}]->(b441),

(u14)-[:Read{Rate:1}]->(b406),

(u14)-[:Read{Rate:10}]->(b106),

(u14)-[:Read{Rate:4}]->(b274),

(u14)-[:Read{Rate:4}]->(b241),

(u14)-[:Read{Rate:10}]->(b452),

(u14)-[:Read{Rate:5}]->(b430),

(u14)-[:Read{Rate:2}]->(b399),

(u14)-[:Read{Rate:9}]->(b152),

(u14)-[:Read{Rate:5}]->(b394),

(u14)-[:Read{Rate:5}]->(b134),

(u14)-[:Read{Rate:3}]->(b401),

(u14)-[:Read{Rate:7}]->(b67),

(u14)-[:Read{Rate:4}]->(b250),

(u14)-[:Read{Rate:4}]->(b362),

(u14)-[:Read{Rate:2}]->(b277),

(u14)-[:Read{Rate:9}]->(b269),

(u14)-[:Read{Rate:6}]->(b23),

(u14)-[:Read{Rate:6}]->(b477),

(u14)-[:Read{Rate:10}]->(b316),

(u14)-[:Read{Rate:8}]->(b412),

(u14)-[:Read{Rate:9}]->(b405),

(u14)-[:Read{Rate:1}]->(b111),

(u14)-[:Read{Rate:1}]->(b92),

(u14)-[:Read{Rate:5}]->(b352),

(u14)-[:Read{Rate:9}]->(b290),

(u14)-[:Read{Rate:5}]->(b32),

(u14)-[:Read{Rate:2}]->(b76),

(u14)-[:Read{Rate:10}]->(b223),

(u14)-[:Read{Rate:5}]->(b488),

(u14)-[:Read{Rate:3}]->(b113),

(u14)-[:Read{Rate:7}]->(b460),

(u14)-[:Read{Rate:5}]->(b241),

(u14)-[:Read{Rate:7}]->(b0),

(u14)-[:Read{Rate:4}]->(b369),

(u14)-[:Read{Rate:5}]->(b316),

(u14)-[:Read{Rate:3}]->(b112),

(u14)-[:Read{Rate:3}]->(b214),

(u14)-[:Read{Rate:5}]->(b207),

(u14)-[:Read{Rate:5}]->(b72),

(u14)-[:Read{Rate:9}]->(b352),

(u14)-[:Read{Rate:2}]->(b371),

(u14)-[:Read{Rate:7}]->(b75),

(u14)-[:Read{Rate:5}]->(b264),

(u14)-[:Read{Rate:2}]->(b474),

(u14)-[:Read{Rate:1}]->(b448),

(u14)-[:Read{Rate:10}]->(b358),

(u14)-[:Read{Rate:5}]->(b94),

(u14)-[:Read{Rate:10}]->(b326),

(u14)-[:Read{Rate:7}]->(b68),

(u14)-[:Read{Rate:1}]->(b480),

(u14)-[:Read{Rate:8}]->(b199),

(u14)-[:Read{Rate:1}]->(b244),

(u14)-[:Read{Rate:9}]->(b256),

(u14)-[:Read{Rate:6}]->(b290),

(u14)-[:Read{Rate:8}]->(b84),

(u14)-[:Read{Rate:3}]->(b40),

(u14)-[:Read{Rate:10}]->(b280),

(u14)-[:Read{Rate:4}]->(b209),

(u14)-[:Read{Rate:1}]->(b386),

(u14)-[:Read{Rate:5}]->(b382),

(u14)-[:Read{Rate:10}]->(b234),

(u14)-[:Read{Rate:10}]->(b226),

(u14)-[:Read{Rate:5}]->(b498),

(u14)-[:Read{Rate:6}]->(b398),

(u14)-[:Read{Rate:9}]->(b295),

(u14)-[:Read{Rate:10}]->(b499),

(u14)-[:Read{Rate:1}]->(b176),

(u14)-[:Read{Rate:5}]->(b215),

(u14)-[:Read{Rate:7}]->(b470),

(u14)-[:Read{Rate:9}]->(b459),

(u14)-[:Read{Rate:1}]->(b154),

(u14)-[:Read{Rate:9}]->(b247),

(u14)-[:Read{Rate:4}]->(b469),

(u14)-[:Read{Rate:6}]->(b299),

(u14)-[:Read{Rate:10}]->(b257),

(u15)-[:Read{Rate:9}]->(b91),

(u15)-[:Read{Rate:1}]->(b484),

(u15)-[:Read{Rate:10}]->(b395),

(u15)-[:Read{Rate:5}]->(b59),

(u15)-[:Read{Rate:9}]->(b24),

(u15)-[:Read{Rate:7}]->(b136),

(u15)-[:Read{Rate:8}]->(b418),

(u15)-[:Read{Rate:7}]->(b398),

(u15)-[:Read{Rate:5}]->(b431),

(u15)-[:Read{Rate:6}]->(b45),

(u15)-[:Read{Rate:9}]->(b16),

(u15)-[:Read{Rate:9}]->(b128),

(u15)-[:Read{Rate:3}]->(b188),

(u15)-[:Read{Rate:7}]->(b78),

(u15)-[:Read{Rate:10}]->(b278),

(u15)-[:Read{Rate:8}]->(b157),

(u15)-[:Read{Rate:10}]->(b330),

(u15)-[:Read{Rate:8}]->(b137),

(u15)-[:Read{Rate:2}]->(b79),

(u15)-[:Read{Rate:7}]->(b48),

(u15)-[:Read{Rate:1}]->(b257),

(u15)-[:Read{Rate:3}]->(b106),

(u15)-[:Read{Rate:1}]->(b471),

(u15)-[:Read{Rate:3}]->(b299),

(u15)-[:Read{Rate:9}]->(b162),

(u15)-[:Read{Rate:4}]->(b161),

(u15)-[:Read{Rate:6}]->(b25),

(u15)-[:Read{Rate:5}]->(b27),

(u15)-[:Read{Rate:6}]->(b467),

(u15)-[:Read{Rate:4}]->(b66),

(u15)-[:Read{Rate:3}]->(b305),

(u15)-[:Read{Rate:7}]->(b23),

(u15)-[:Read{Rate:1}]->(b491),

(u15)-[:Read{Rate:7}]->(b219),

(u15)-[:Read{Rate:1}]->(b143),

(u15)-[:Read{Rate:7}]->(b271),

(u15)-[:Read{Rate:3}]->(b325),

(u15)-[:Read{Rate:9}]->(b415),

(u15)-[:Read{Rate:5}]->(b168),

(u15)-[:Read{Rate:2}]->(b331),

(u15)-[:Read{Rate:8}]->(b197),

(u15)-[:Read{Rate:4}]->(b175),

(u15)-[:Read{Rate:5}]->(b199),

(u15)-[:Read{Rate:2}]->(b366),

(u15)-[:Read{Rate:3}]->(b193),

(u15)-[:Read{Rate:3}]->(b331),

(u15)-[:Read{Rate:5}]->(b36),

(u15)-[:Read{Rate:1}]->(b417),

(u15)-[:Read{Rate:2}]->(b66),

(u15)-[:Read{Rate:3}]->(b26),

(u15)-[:Read{Rate:8}]->(b453),

(u15)-[:Read{Rate:10}]->(b29),

(u15)-[:Read{Rate:2}]->(b2),

(u15)-[:Read{Rate:7}]->(b226),

(u15)-[:Read{Rate:9}]->(b422),

(u15)-[:Read{Rate:1}]->(b175),

(u15)-[:Read{Rate:8}]->(b314),

(u15)-[:Read{Rate:10}]->(b47),

(u15)-[:Read{Rate:5}]->(b419),

(u15)-[:Read{Rate:3}]->(b1),

(u15)-[:Read{Rate:4}]->(b114),

(u15)-[:Read{Rate:2}]->(b468),

(u16)-[:Read{Rate:8}]->(b249),

(u16)-[:Read{Rate:5}]->(b294),

(u16)-[:Read{Rate:2}]->(b125),

(u16)-[:Read{Rate:4}]->(b185),

(u16)-[:Read{Rate:1}]->(b292),

(u16)-[:Read{Rate:10}]->(b461),

(u16)-[:Read{Rate:1}]->(b424),

(u16)-[:Read{Rate:5}]->(b457),

(u16)-[:Read{Rate:2}]->(b245),

(u16)-[:Read{Rate:6}]->(b64),

(u16)-[:Read{Rate:2}]->(b307),

(u16)-[:Read{Rate:5}]->(b480),

(u16)-[:Read{Rate:2}]->(b340),

(u16)-[:Read{Rate:3}]->(b485),

(u16)-[:Read{Rate:5}]->(b148),

(u16)-[:Read{Rate:9}]->(b403),

(u16)-[:Read{Rate:4}]->(b429),

(u16)-[:Read{Rate:8}]->(b234),

(u16)-[:Read{Rate:1}]->(b445),

(u16)-[:Read{Rate:5}]->(b53),

(u16)-[:Read{Rate:8}]->(b134),

(u16)-[:Read{Rate:8}]->(b234),

(u16)-[:Read{Rate:3}]->(b373),

(u16)-[:Read{Rate:7}]->(b420),

(u16)-[:Read{Rate:10}]->(b348),

(u16)-[:Read{Rate:10}]->(b254),

(u16)-[:Read{Rate:10}]->(b471),

(u16)-[:Read{Rate:6}]->(b304),

(u16)-[:Read{Rate:5}]->(b132),

(u16)-[:Read{Rate:5}]->(b187),

(u16)-[:Read{Rate:4}]->(b19),

(u16)-[:Read{Rate:5}]->(b467),

(u16)-[:Read{Rate:9}]->(b440),

(u16)-[:Read{Rate:3}]->(b144),

(u16)-[:Read{Rate:5}]->(b51),

(u16)-[:Read{Rate:10}]->(b144),

(u16)-[:Read{Rate:6}]->(b381),

(u16)-[:Read{Rate:8}]->(b457),

(u16)-[:Read{Rate:3}]->(b369),

(u16)-[:Read{Rate:9}]->(b487),

(u16)-[:Read{Rate:6}]->(b336),

(u16)-[:Read{Rate:2}]->(b306),

(u16)-[:Read{Rate:4}]->(b309),

(u16)-[:Read{Rate:8}]->(b318),

(u16)-[:Read{Rate:3}]->(b243),

(u16)-[:Read{Rate:6}]->(b211),

(u16)-[:Read{Rate:9}]->(b425),

(u16)-[:Read{Rate:7}]->(b53),

(u16)-[:Read{Rate:8}]->(b298),

(u16)-[:Read{Rate:2}]->(b477),

(u16)-[:Read{Rate:4}]->(b374),

(u16)-[:Read{Rate:2}]->(b237),

(u16)-[:Read{Rate:9}]->(b210),

(u16)-[:Read{Rate:4}]->(b334),

(u16)-[:Read{Rate:7}]->(b298),

(u16)-[:Read{Rate:9}]->(b375),

(u16)-[:Read{Rate:6}]->(b141),

(u16)-[:Read{Rate:6}]->(b319),

(u16)-[:Read{Rate:7}]->(b59),

(u16)-[:Read{Rate:7}]->(b44),

(u16)-[:Read{Rate:4}]->(b329),

(u16)-[:Read{Rate:8}]->(b154),

(u16)-[:Read{Rate:2}]->(b272),

(u16)-[:Read{Rate:8}]->(b168),

(u16)-[:Read{Rate:2}]->(b471),

(u16)-[:Read{Rate:3}]->(b79),

(u16)-[:Read{Rate:2}]->(b353),

(u16)-[:Read{Rate:4}]->(b83),

(u16)-[:Read{Rate:9}]->(b116),

(u16)-[:Read{Rate:2}]->(b256),

(u16)-[:Read{Rate:8}]->(b214),

(u16)-[:Read{Rate:1}]->(b249),

(u16)-[:Read{Rate:1}]->(b299),

(u16)-[:Read{Rate:10}]->(b65),

(u16)-[:Read{Rate:7}]->(b217),

(u16)-[:Read{Rate:4}]->(b283),

(u16)-[:Read{Rate:2}]->(b157),

(u16)-[:Read{Rate:10}]->(b283),

(u16)-[:Read{Rate:2}]->(b385),

(u16)-[:Read{Rate:4}]->(b448),

(u16)-[:Read{Rate:4}]->(b454),

(u16)-[:Read{Rate:5}]->(b180),

(u16)-[:Read{Rate:5}]->(b337),

(u16)-[:Read{Rate:10}]->(b450),

(u16)-[:Read{Rate:10}]->(b242),

(u16)-[:Read{Rate:6}]->(b339),

(u16)-[:Read{Rate:3}]->(b136),

(u16)-[:Read{Rate:8}]->(b36),

(u16)-[:Read{Rate:8}]->(b97),

(u16)-[:Read{Rate:2}]->(b354),

(u16)-[:Read{Rate:9}]->(b15),

(u16)-[:Read{Rate:7}]->(b372),

(u16)-[:Read{Rate:9}]->(b191),

(u16)-[:Read{Rate:8}]->(b413),

(u16)-[:Read{Rate:5}]->(b53),

(u16)-[:Read{Rate:1}]->(b199),

(u16)-[:Read{Rate:7}]->(b179),

(u16)-[:Read{Rate:6}]->(b476),

(u16)-[:Read{Rate:10}]->(b371),

(u16)-[:Read{Rate:9}]->(b237),

(u16)-[:Read{Rate:10}]->(b199),

(u17)-[:Read{Rate:7}]->(b450),

(u17)-[:Read{Rate:5}]->(b360),

(u17)-[:Read{Rate:1}]->(b291),

(u17)-[:Read{Rate:5}]->(b190),

(u17)-[:Read{Rate:3}]->(b410),

(u17)-[:Read{Rate:6}]->(b169),

(u17)-[:Read{Rate:7}]->(b38),

(u17)-[:Read{Rate:3}]->(b63),

(u17)-[:Read{Rate:3}]->(b370),

(u17)-[:Read{Rate:4}]->(b227),

(u17)-[:Read{Rate:5}]->(b6),

(u17)-[:Read{Rate:9}]->(b191),

(u17)-[:Read{Rate:7}]->(b410),

(u18)-[:Read{Rate:9}]->(b393),

(u18)-[:Read{Rate:1}]->(b396),

(u18)-[:Read{Rate:4}]->(b405),

(u18)-[:Read{Rate:1}]->(b478),

(u18)-[:Read{Rate:3}]->(b492),

(u18)-[:Read{Rate:8}]->(b495),

(u18)-[:Read{Rate:4}]->(b158),

(u18)-[:Read{Rate:6}]->(b260),

(u18)-[:Read{Rate:7}]->(b302),

(u18)-[:Read{Rate:9}]->(b139),

(u18)-[:Read{Rate:2}]->(b408),

(u18)-[:Read{Rate:4}]->(b357),

(u18)-[:Read{Rate:3}]->(b140),

(u18)-[:Read{Rate:10}]->(b281),

(u18)-[:Read{Rate:7}]->(b331),

(u18)-[:Read{Rate:7}]->(b64),

(u18)-[:Read{Rate:9}]->(b314),

(u18)-[:Read{Rate:5}]->(b483),

(u18)-[:Read{Rate:8}]->(b139),

(u18)-[:Read{Rate:2}]->(b408),

(u18)-[:Read{Rate:5}]->(b406),

(u18)-[:Read{Rate:2}]->(b441),

(u18)-[:Read{Rate:1}]->(b35),

(u18)-[:Read{Rate:2}]->(b240),

(u18)-[:Read{Rate:1}]->(b192),

(u18)-[:Read{Rate:2}]->(b416),

(u18)-[:Read{Rate:8}]->(b365),

(u18)-[:Read{Rate:4}]->(b299),

(u18)-[:Read{Rate:4}]->(b460),

(u18)-[:Read{Rate:6}]->(b89),

(u18)-[:Read{Rate:2}]->(b399),

(u18)-[:Read{Rate:7}]->(b400),

(u18)-[:Read{Rate:7}]->(b163),

(u18)-[:Read{Rate:3}]->(b147),

(u18)-[:Read{Rate:8}]->(b56),

(u18)-[:Read{Rate:8}]->(b270),

(u18)-[:Read{Rate:3}]->(b166),

(u18)-[:Read{Rate:4}]->(b7),

(u18)-[:Read{Rate:9}]->(b222),

(u18)-[:Read{Rate:2}]->(b65),

(u18)-[:Read{Rate:9}]->(b96),

(u18)-[:Read{Rate:1}]->(b398),

(u18)-[:Read{Rate:10}]->(b268),

(u18)-[:Read{Rate:4}]->(b324),

(u18)-[:Read{Rate:4}]->(b163),

(u18)-[:Read{Rate:4}]->(b33),

(u18)-[:Read{Rate:7}]->(b289),

(u18)-[:Read{Rate:8}]->(b63),

(u18)-[:Read{Rate:6}]->(b87),

(u18)-[:Read{Rate:6}]->(b57),

(u18)-[:Read{Rate:3}]->(b228),

(u18)-[:Read{Rate:4}]->(b317),

(u18)-[:Read{Rate:6}]->(b491),

(u18)-[:Read{Rate:7}]->(b26),

(u18)-[:Read{Rate:7}]->(b78),

(u18)-[:Read{Rate:9}]->(b480),

(u18)-[:Read{Rate:7}]->(b425),

(u18)-[:Read{Rate:2}]->(b210),

(u18)-[:Read{Rate:2}]->(b111),

(u18)-[:Read{Rate:9}]->(b121),

(u18)-[:Read{Rate:4}]->(b249),

(u18)-[:Read{Rate:8}]->(b128),

(u18)-[:Read{Rate:9}]->(b232),

(u18)-[:Read{Rate:7}]->(b347),

(u18)-[:Read{Rate:3}]->(b445),

(u18)-[:Read{Rate:8}]->(b227),

(u18)-[:Read{Rate:1}]->(b483),

(u18)-[:Read{Rate:10}]->(b168),

(u18)-[:Read{Rate:1}]->(b292),

(u18)-[:Read{Rate:9}]->(b77),

(u18)-[:Read{Rate:4}]->(b252),

(u18)-[:Read{Rate:3}]->(b274),

(u18)-[:Read{Rate:10}]->(b234),

(u18)-[:Read{Rate:5}]->(b31),

(u18)-[:Read{Rate:9}]->(b379),

(u18)-[:Read{Rate:9}]->(b344),

(u19)-[:Read{Rate:6}]->(b392),

(u19)-[:Read{Rate:7}]->(b160),

(u19)-[:Read{Rate:3}]->(b370),

(u19)-[:Read{Rate:10}]->(b77),

(u19)-[:Read{Rate:8}]->(b429),

(u19)-[:Read{Rate:8}]->(b308),

(u19)-[:Read{Rate:6}]->(b352),

(u19)-[:Read{Rate:8}]->(b421),

(u19)-[:Read{Rate:3}]->(b380),

(u19)-[:Read{Rate:4}]->(b92),

(u19)-[:Read{Rate:1}]->(b459),

(u19)-[:Read{Rate:10}]->(b236),

(u19)-[:Read{Rate:5}]->(b34),

(u19)-[:Read{Rate:7}]->(b93),

(u19)-[:Read{Rate:1}]->(b379),

(u19)-[:Read{Rate:6}]->(b267),

(u19)-[:Read{Rate:9}]->(b69),

(u19)-[:Read{Rate:1}]->(b132),

(u19)-[:Read{Rate:6}]->(b463),

(u19)-[:Read{Rate:9}]->(b318),

(u19)-[:Read{Rate:8}]->(b48),

(u19)-[:Read{Rate:8}]->(b305),

(u19)-[:Read{Rate:1}]->(b235),

(u19)-[:Read{Rate:1}]->(b417),

(u19)-[:Read{Rate:1}]->(b326),

(u19)-[:Read{Rate:1}]->(b325),

(u19)-[:Read{Rate:6}]->(b403),

(u19)-[:Read{Rate:1}]->(b298),

(u19)-[:Read{Rate:3}]->(b173),

(u19)-[:Read{Rate:7}]->(b21),

(u19)-[:Read{Rate:10}]->(b219),

(u19)-[:Read{Rate:9}]->(b310),

(u19)-[:Read{Rate:4}]->(b465),

(u19)-[:Read{Rate:9}]->(b81),

(u19)-[:Read{Rate:8}]->(b276),

(u19)-[:Read{Rate:4}]->(b431),

(u19)-[:Read{Rate:7}]->(b19),

(u19)-[:Read{Rate:9}]->(b142),

(u19)-[:Read{Rate:9}]->(b49),

(u19)-[:Read{Rate:6}]->(b291),

(u19)-[:Read{Rate:5}]->(b281),

(u19)-[:Read{Rate:7}]->(b220),

(u19)-[:Read{Rate:8}]->(b11),

(u19)-[:Read{Rate:6}]->(b347),

(u19)-[:Read{Rate:6}]->(b64),

(u19)-[:Read{Rate:8}]->(b30),

(u19)-[:Read{Rate:9}]->(b359),

(u19)-[:Read{Rate:4}]->(b39),

(u19)-[:Read{Rate:9}]->(b489),

(u19)-[:Read{Rate:1}]->(b188),

(u19)-[:Read{Rate:2}]->(b230),

(u19)-[:Read{Rate:7}]->(b230),

(u19)-[:Read{Rate:1}]->(b342),

(u19)-[:Read{Rate:6}]->(b318),

(u19)-[:Read{Rate:3}]->(b171),

(u19)-[:Read{Rate:3}]->(b186),

(u19)-[:Read{Rate:1}]->(b436),

(u19)-[:Read{Rate:8}]->(b391),

(u19)-[:Read{Rate:7}]->(b177),

(u19)-[:Read{Rate:9}]->(b303),

(u19)-[:Read{Rate:5}]->(b317),

(u19)-[:Read{Rate:3}]->(b39),

(u19)-[:Read{Rate:6}]->(b165),

(u19)-[:Read{Rate:9}]->(b429),

(u19)-[:Read{Rate:5}]->(b319),

(u19)-[:Read{Rate:7}]->(b471),

(u19)-[:Read{Rate:10}]->(b75),

(u19)-[:Read{Rate:4}]->(b216),

(u19)-[:Read{Rate:8}]->(b201),

(u19)-[:Read{Rate:10}]->(b496),

(u19)-[:Read{Rate:9}]->(b256),

(u19)-[:Read{Rate:1}]->(b347),

(u19)-[:Read{Rate:7}]->(b435),

(u19)-[:Read{Rate:8}]->(b56),

(u19)-[:Read{Rate:3}]->(b163),

(u19)-[:Read{Rate:7}]->(b341),

(u19)-[:Read{Rate:2}]->(b93),

(u19)-[:Read{Rate:8}]->(b301),

(u19)-[:Read{Rate:10}]->(b465),

(u19)-[:Read{Rate:8}]->(b325),

(u19)-[:Read{Rate:8}]->(b420),

(u19)-[:Read{Rate:8}]->(b131),

(u19)-[:Read{Rate:7}]->(b173),

(u19)-[:Read{Rate:5}]->(b352),

(u19)-[:Read{Rate:8}]->(b461),

(u19)-[:Read{Rate:6}]->(b57),

(u19)-[:Read{Rate:2}]->(b401),

(u19)-[:Read{Rate:7}]->(b305),

(u19)-[:Read{Rate:10}]->(b268),

(u19)-[:Read{Rate:3}]->(b451),

(u19)-[:Read{Rate:4}]->(b122),

(u19)-[:Read{Rate:7}]->(b353),

(u19)-[:Read{Rate:8}]->(b397),

(u19)-[:Read{Rate:7}]->(b324),

(u19)-[:Read{Rate:2}]->(b103),

(u19)-[:Read{Rate:3}]->(b437),

(u19)-[:Read{Rate:8}]->(b143),

(u19)-[:Read{Rate:2}]->(b171),

(u19)-[:Read{Rate:6}]->(b480),

(u19)-[:Read{Rate:2}]->(b414),

(u19)-[:Read{Rate:4}]->(b369),

(u19)-[:Read{Rate:5}]->(b403),

(u19)-[:Read{Rate:7}]->(b107),

(u19)-[:Read{Rate:9}]->(b20),

(u19)-[:Read{Rate:6}]->(b189),

(u19)-[:Read{Rate:10}]->(b40),

(u19)-[:Read{Rate:10}]->(b424),

(u19)-[:Read{Rate:8}]->(b70),

(u19)-[:Read{Rate:9}]->(b8),

(u19)-[:Read{Rate:10}]->(b213),

(u19)-[:Read{Rate:2}]->(b170),

(u19)-[:Read{Rate:2}]->(b457),

(u19)-[:Read{Rate:7}]->(b392),

(u19)-[:Read{Rate:2}]->(b106),

(u19)-[:Read{Rate:6}]->(b274),

(u19)-[:Read{Rate:2}]->(b420),

(u19)-[:Read{Rate:8}]->(b237),

(u19)-[:Read{Rate:9}]->(b299),

(u19)-[:Read{Rate:1}]->(b99),

(u19)-[:Read{Rate:3}]->(b22),

(u19)-[:Read{Rate:7}]->(b83),

(u19)-[:Read{Rate:10}]->(b458),

(u19)-[:Read{Rate:4}]->(b90),

(u19)-[:Read{Rate:10}]->(b112),

(u19)-[:Read{Rate:9}]->(b294),

(u19)-[:Read{Rate:3}]->(b157),

(u19)-[:Read{Rate:10}]->(b68),

(u19)-[:Read{Rate:3}]->(b337),

(u19)-[:Read{Rate:8}]->(b320),

(u19)-[:Read{Rate:6}]->(b219),

(u19)-[:Read{Rate:7}]->(b422),

(u19)-[:Read{Rate:1}]->(b379),

(u19)-[:Read{Rate:1}]->(b20),

(u19)-[:Read{Rate:10}]->(b431),

(u19)-[:Read{Rate:1}]->(b312),

(u19)-[:Read{Rate:4}]->(b403),

(u19)-[:Read{Rate:9}]->(b387),

(u19)-[:Read{Rate:6}]->(b380),

(u19)-[:Read{Rate:3}]->(b285),

(u19)-[:Read{Rate:2}]->(b482),

(u19)-[:Read{Rate:6}]->(b281),

(u19)-[:Read{Rate:1}]->(b372),

(u19)-[:Read{Rate:7}]->(b243),

(u19)-[:Read{Rate:6}]->(b60),

(u19)-[:Read{Rate:3}]->(b270),

(u19)-[:Read{Rate:9}]->(b435),

(u19)-[:Read{Rate:8}]->(b123),

(u19)-[:Read{Rate:6}]->(b310),

(u19)-[:Read{Rate:9}]->(b206),

(u19)-[:Read{Rate:4}]->(b203),

(u19)-[:Read{Rate:8}]->(b299),

(u19)-[:Read{Rate:1}]->(b8),

(u19)-[:Read{Rate:7}]->(b140),

(u19)-[:Read{Rate:10}]->(b347),

(u19)-[:Read{Rate:1}]->(b91),

(u19)-[:Read{Rate:8}]->(b244),

(u19)-[:Read{Rate:2}]->(b390),

(u19)-[:Read{Rate:7}]->(b393),

(u19)-[:Read{Rate:10}]->(b217),

(u19)-[:Read{Rate:9}]->(b62),

(u19)-[:Read{Rate:3}]->(b251),

(u19)-[:Read{Rate:9}]->(b133),

(u19)-[:Read{Rate:5}]->(b33),

(u19)-[:Read{Rate:4}]->(b136),

(u19)-[:Read{Rate:5}]->(b74),

(u19)-[:Read{Rate:6}]->(b171),

(u19)-[:Read{Rate:2}]->(b420),

(u19)-[:Read{Rate:4}]->(b394),

(u19)-[:Read{Rate:6}]->(b27),

(u19)-[:Read{Rate:2}]->(b221),

(u19)-[:Read{Rate:1}]->(b442),

(u19)-[:Read{Rate:8}]->(b281),

(u19)-[:Read{Rate:1}]->(b67),

(u19)-[:Read{Rate:3}]->(b439),

(u19)-[:Read{Rate:1}]->(b287),

(u19)-[:Read{Rate:2}]->(b170),

(u19)-[:Read{Rate:9}]->(b268),

(u19)-[:Read{Rate:5}]->(b352),

(u19)-[:Read{Rate:9}]->(b443),

(u19)-[:Read{Rate:10}]->(b462),

(u19)-[:Read{Rate:6}]->(b489),

(u19)-[:Read{Rate:2}]->(b131),

(u19)-[:Read{Rate:6}]->(b31),

(u19)-[:Read{Rate:4}]->(b299),

(u19)-[:Read{Rate:1}]->(b68),

(u19)-[:Read{Rate:6}]->(b274),

(u19)-[:Read{Rate:9}]->(b67),

(u19)-[:Read{Rate:8}]->(b48),

(u19)-[:Read{Rate:10}]->(b258),

(u19)-[:Read{Rate:7}]->(b346),

(u19)-[:Read{Rate:7}]->(b130),

(u19)-[:Read{Rate:9}]->(b171),

(u19)-[:Read{Rate:10}]->(b300),

(u19)-[:Read{Rate:9}]->(b56),

(u19)-[:Read{Rate:8}]->(b317),

(u19)-[:Read{Rate:10}]->(b290),

(u19)-[:Read{Rate:8}]->(b291),

(u19)-[:Read{Rate:6}]->(b244),

(u19)-[:Read{Rate:1}]->(b307),

(u19)-[:Read{Rate:4}]->(b369),

(u19)-[:Read{Rate:4}]->(b314),

(u19)-[:Read{Rate:5}]->(b377),

(u19)-[:Read{Rate:10}]->(b444),

(u19)-[:Read{Rate:9}]->(b138),

(u19)-[:Read{Rate:10}]->(b176),

(u20)-[:Read{Rate:5}]->(b271),

(u20)-[:Read{Rate:3}]->(b20),

(u20)-[:Read{Rate:4}]->(b381),

(u20)-[:Read{Rate:7}]->(b268),

(u20)-[:Read{Rate:5}]->(b145),

(u20)-[:Read{Rate:6}]->(b419),

(u20)-[:Read{Rate:5}]->(b130),

(u20)-[:Read{Rate:9}]->(b314),

(u20)-[:Read{Rate:1}]->(b215),

(u20)-[:Read{Rate:6}]->(b147),

(u20)-[:Read{Rate:8}]->(b350),

(u20)-[:Read{Rate:6}]->(b202),

(u20)-[:Read{Rate:2}]->(b235),

(u20)-[:Read{Rate:8}]->(b392),

(u20)-[:Read{Rate:1}]->(b292),

(u20)-[:Read{Rate:4}]->(b212),

(u20)-[:Read{Rate:2}]->(b123),

(u20)-[:Read{Rate:6}]->(b17),

(u20)-[:Read{Rate:5}]->(b389),

(u20)-[:Read{Rate:9}]->(b218),

(u20)-[:Read{Rate:1}]->(b33),

(u20)-[:Read{Rate:4}]->(b343),

(u20)-[:Read{Rate:10}]->(b152),

(u20)-[:Read{Rate:3}]->(b95),

(u20)-[:Read{Rate:5}]->(b272),

(u20)-[:Read{Rate:6}]->(b178),

(u20)-[:Read{Rate:9}]->(b384),

(u20)-[:Read{Rate:6}]->(b273),

(u20)-[:Read{Rate:5}]->(b67),

(u20)-[:Read{Rate:8}]->(b21),

(u20)-[:Read{Rate:6}]->(b137),

(u20)-[:Read{Rate:6}]->(b282),

(u20)-[:Read{Rate:7}]->(b251),

(u20)-[:Read{Rate:7}]->(b66),

(u20)-[:Read{Rate:10}]->(b76),

(u20)-[:Read{Rate:6}]->(b336),

(u20)-[:Read{Rate:8}]->(b24),

(u20)-[:Read{Rate:9}]->(b388),

(u20)-[:Read{Rate:6}]->(b84),

(u20)-[:Read{Rate:5}]->(b422),

(u20)-[:Read{Rate:4}]->(b277),

(u20)-[:Read{Rate:2}]->(b307),

(u20)-[:Read{Rate:10}]->(b86),

(u20)-[:Read{Rate:9}]->(b368),

(u20)-[:Read{Rate:3}]->(b16),

(u20)-[:Read{Rate:3}]->(b78),

(u20)-[:Read{Rate:1}]->(b209),

(u20)-[:Read{Rate:4}]->(b434),

(u20)-[:Read{Rate:7}]->(b145),

(u20)-[:Read{Rate:1}]->(b91),

(u20)-[:Read{Rate:5}]->(b183),

(u20)-[:Read{Rate:4}]->(b457),

(u20)-[:Read{Rate:10}]->(b199),

(u20)-[:Read{Rate:1}]->(b435),

(u20)-[:Read{Rate:9}]->(b96),

(u20)-[:Read{Rate:2}]->(b468),

(u20)-[:Read{Rate:9}]->(b381),

(u20)-[:Read{Rate:8}]->(b317),

(u20)-[:Read{Rate:3}]->(b57),

(u20)-[:Read{Rate:10}]->(b349),

(u20)-[:Read{Rate:2}]->(b24),

(u20)-[:Read{Rate:1}]->(b242),

(u20)-[:Read{Rate:3}]->(b478),

(u20)-[:Read{Rate:5}]->(b181),

(u20)-[:Read{Rate:9}]->(b70),

(u20)-[:Read{Rate:7}]->(b423),

(u20)-[:Read{Rate:7}]->(b324),

(u20)-[:Read{Rate:3}]->(b108),

(u20)-[:Read{Rate:2}]->(b347),

(u20)-[:Read{Rate:9}]->(b483),

(u20)-[:Read{Rate:10}]->(b162),

(u20)-[:Read{Rate:8}]->(b47),

(u20)-[:Read{Rate:1}]->(b232),

(u20)-[:Read{Rate:2}]->(b59),

(u20)-[:Read{Rate:2}]->(b431),

(u20)-[:Read{Rate:4}]->(b188),

(u20)-[:Read{Rate:9}]->(b224),

(u20)-[:Read{Rate:7}]->(b321),

(u20)-[:Read{Rate:3}]->(b129),

(u20)-[:Read{Rate:3}]->(b133),

(u20)-[:Read{Rate:5}]->(b363),

(u20)-[:Read{Rate:3}]->(b33),

(u20)-[:Read{Rate:3}]->(b185),

(u20)-[:Read{Rate:5}]->(b442),

(u20)-[:Read{Rate:3}]->(b374),

(u20)-[:Read{Rate:7}]->(b224),

(u20)-[:Read{Rate:2}]->(b34),

(u20)-[:Read{Rate:10}]->(b115),

(u20)-[:Read{Rate:6}]->(b98),

(u20)-[:Read{Rate:1}]->(b318),

(u20)-[:Read{Rate:7}]->(b354),

(u20)-[:Read{Rate:8}]->(b102),

(u20)-[:Read{Rate:7}]->(b34),

(u20)-[:Read{Rate:9}]->(b230),

(u20)-[:Read{Rate:7}]->(b499),

(u20)-[:Read{Rate:4}]->(b457),

(u20)-[:Read{Rate:10}]->(b307),

(u20)-[:Read{Rate:10}]->(b146),

(u20)-[:Read{Rate:6}]->(b279),

(u20)-[:Read{Rate:9}]->(b17),

(u20)-[:Read{Rate:6}]->(b410),

(u20)-[:Read{Rate:6}]->(b348),

(u20)-[:Read{Rate:3}]->(b499),

(u20)-[:Read{Rate:5}]->(b460),

(u20)-[:Read{Rate:9}]->(b369),

(u20)-[:Read{Rate:9}]->(b33),

(u20)-[:Read{Rate:5}]->(b466),

(u20)-[:Read{Rate:10}]->(b233),

(u20)-[:Read{Rate:10}]->(b455),

(u20)-[:Read{Rate:2}]->(b392),

(u20)-[:Read{Rate:5}]->(b23),

(u20)-[:Read{Rate:9}]->(b366),

(u20)-[:Read{Rate:5}]->(b38),

(u20)-[:Read{Rate:5}]->(b64),

(u20)-[:Read{Rate:8}]->(b344),

(u20)-[:Read{Rate:8}]->(b358),

(u20)-[:Read{Rate:4}]->(b240),

(u20)-[:Read{Rate:10}]->(b68),

(u20)-[:Read{Rate:7}]->(b370),

(u20)-[:Read{Rate:2}]->(b309),

(u20)-[:Read{Rate:6}]->(b302),

(u20)-[:Read{Rate:1}]->(b183),

(u20)-[:Read{Rate:3}]->(b133),

(u20)-[:Read{Rate:6}]->(b217),

(u20)-[:Read{Rate:8}]->(b9),

(u20)-[:Read{Rate:4}]->(b456),

(u20)-[:Read{Rate:6}]->(b217),

(u20)-[:Read{Rate:3}]->(b115),

(u20)-[:Read{Rate:10}]->(b347),

(u20)-[:Read{Rate:7}]->(b215),

(u20)-[:Read{Rate:7}]->(b352),

(u20)-[:Read{Rate:7}]->(b376),

(u20)-[:Read{Rate:6}]->(b369),

(u20)-[:Read{Rate:9}]->(b22),

(u20)-[:Read{Rate:6}]->(b408),

(u20)-[:Read{Rate:4}]->(b353),

(u20)-[:Read{Rate:5}]->(b467),

(u20)-[:Read{Rate:7}]->(b448),

(u20)-[:Read{Rate:7}]->(b129),

(u20)-[:Read{Rate:7}]->(b406),

(u20)-[:Read{Rate:2}]->(b41),

(u20)-[:Read{Rate:8}]->(b45),

(u20)-[:Read{Rate:6}]->(b88),

(u20)-[:Read{Rate:6}]->(b355),

(u20)-[:Read{Rate:2}]->(b70),

(u20)-[:Read{Rate:3}]->(b455),

(u20)-[:Read{Rate:7}]->(b494),

(u20)-[:Read{Rate:4}]->(b293),

(u20)-[:Read{Rate:5}]->(b148),

(u20)-[:Read{Rate:3}]->(b19),

(u20)-[:Read{Rate:5}]->(b12),

(u20)-[:Read{Rate:6}]->(b13),

(u20)-[:Read{Rate:6}]->(b393),

(u20)-[:Read{Rate:8}]->(b279),

(u20)-[:Read{Rate:3}]->(b400),

(u20)-[:Read{Rate:10}]->(b19),

(u20)-[:Read{Rate:4}]->(b421),

(u20)-[:Read{Rate:8}]->(b325),

(u20)-[:Read{Rate:3}]->(b88),

(u20)-[:Read{Rate:10}]->(b234),

(u20)-[:Read{Rate:10}]->(b125),

(u20)-[:Read{Rate:3}]->(b310),

(u21)-[:Read{Rate:1}]->(b92),

(u21)-[:Read{Rate:8}]->(b316),

(u21)-[:Read{Rate:6}]->(b447),

(u21)-[:Read{Rate:9}]->(b282),

(u21)-[:Read{Rate:3}]->(b396),

(u21)-[:Read{Rate:10}]->(b300),

(u21)-[:Read{Rate:6}]->(b360),

(u21)-[:Read{Rate:3}]->(b350),

(u21)-[:Read{Rate:1}]->(b196),

(u21)-[:Read{Rate:10}]->(b42),

(u21)-[:Read{Rate:7}]->(b275),

(u21)-[:Read{Rate:6}]->(b275),

(u21)-[:Read{Rate:7}]->(b287),

(u21)-[:Read{Rate:3}]->(b306),

(u21)-[:Read{Rate:9}]->(b127),

(u21)-[:Read{Rate:4}]->(b177),

(u21)-[:Read{Rate:3}]->(b209),

(u21)-[:Read{Rate:10}]->(b89),

(u21)-[:Read{Rate:4}]->(b1),

(u21)-[:Read{Rate:8}]->(b157),

(u21)-[:Read{Rate:10}]->(b491),

(u21)-[:Read{Rate:5}]->(b27),

(u21)-[:Read{Rate:3}]->(b479),

(u21)-[:Read{Rate:10}]->(b380),

(u21)-[:Read{Rate:3}]->(b177),

(u21)-[:Read{Rate:1}]->(b221),

(u21)-[:Read{Rate:5}]->(b142),

(u21)-[:Read{Rate:8}]->(b126),

(u21)-[:Read{Rate:9}]->(b149),

(u21)-[:Read{Rate:4}]->(b275),

(u21)-[:Read{Rate:5}]->(b50),

(u21)-[:Read{Rate:7}]->(b104),

(u21)-[:Read{Rate:10}]->(b33),

(u21)-[:Read{Rate:8}]->(b351),

(u21)-[:Read{Rate:7}]->(b28),

(u21)-[:Read{Rate:9}]->(b268),

(u21)-[:Read{Rate:3}]->(b4),

(u21)-[:Read{Rate:7}]->(b244),

(u21)-[:Read{Rate:3}]->(b152),

(u21)-[:Read{Rate:3}]->(b31),

(u21)-[:Read{Rate:5}]->(b337),

(u21)-[:Read{Rate:6}]->(b151),

(u21)-[:Read{Rate:9}]->(b193),

(u21)-[:Read{Rate:6}]->(b166),

(u21)-[:Read{Rate:6}]->(b30),

(u21)-[:Read{Rate:4}]->(b474),

(u21)-[:Read{Rate:7}]->(b62),

(u21)-[:Read{Rate:7}]->(b259),

(u21)-[:Read{Rate:8}]->(b429),

(u21)-[:Read{Rate:5}]->(b236),

(u21)-[:Read{Rate:2}]->(b467),

(u21)-[:Read{Rate:9}]->(b196),

(u21)-[:Read{Rate:2}]->(b34),

(u21)-[:Read{Rate:4}]->(b409),

(u21)-[:Read{Rate:6}]->(b9),

(u21)-[:Read{Rate:4}]->(b357),

(u21)-[:Read{Rate:4}]->(b1),

(u21)-[:Read{Rate:4}]->(b211),

(u21)-[:Read{Rate:3}]->(b287),

(u21)-[:Read{Rate:8}]->(b451),

(u21)-[:Read{Rate:10}]->(b221),

(u21)-[:Read{Rate:6}]->(b39),

(u21)-[:Read{Rate:10}]->(b250),

(u21)-[:Read{Rate:4}]->(b253),

(u21)-[:Read{Rate:2}]->(b423),

(u21)-[:Read{Rate:6}]->(b277),

(u21)-[:Read{Rate:4}]->(b145),

(u21)-[:Read{Rate:2}]->(b438),

(u21)-[:Read{Rate:2}]->(b220),

(u21)-[:Read{Rate:9}]->(b11),

(u21)-[:Read{Rate:10}]->(b6),

(u21)-[:Read{Rate:3}]->(b189),

(u21)-[:Read{Rate:9}]->(b259),

(u21)-[:Read{Rate:1}]->(b101),

(u21)-[:Read{Rate:4}]->(b265),

(u21)-[:Read{Rate:6}]->(b136),

(u21)-[:Read{Rate:7}]->(b231),

(u21)-[:Read{Rate:10}]->(b290),

(u21)-[:Read{Rate:7}]->(b483),

(u21)-[:Read{Rate:10}]->(b158),

(u21)-[:Read{Rate:6}]->(b244),

(u21)-[:Read{Rate:3}]->(b376),

(u21)-[:Read{Rate:6}]->(b94),

(u21)-[:Read{Rate:1}]->(b233),

(u21)-[:Read{Rate:7}]->(b419),

(u21)-[:Read{Rate:5}]->(b433),

(u21)-[:Read{Rate:4}]->(b40),

(u21)-[:Read{Rate:3}]->(b255),

(u21)-[:Read{Rate:3}]->(b423),

(u21)-[:Read{Rate:9}]->(b165),

(u21)-[:Read{Rate:8}]->(b133),

(u21)-[:Read{Rate:7}]->(b313),

(u21)-[:Read{Rate:5}]->(b319),

(u21)-[:Read{Rate:1}]->(b133),

(u21)-[:Read{Rate:8}]->(b275),

(u21)-[:Read{Rate:4}]->(b264),

(u21)-[:Read{Rate:3}]->(b413),

(u21)-[:Read{Rate:4}]->(b474),

(u21)-[:Read{Rate:9}]->(b101),

(u21)-[:Read{Rate:3}]->(b461),

(u21)-[:Read{Rate:7}]->(b333),

(u21)-[:Read{Rate:1}]->(b495),

(u21)-[:Read{Rate:8}]->(b468),

(u21)-[:Read{Rate:7}]->(b346),

(u21)-[:Read{Rate:10}]->(b284),

(u21)-[:Read{Rate:5}]->(b421),

(u21)-[:Read{Rate:8}]->(b255),

(u21)-[:Read{Rate:8}]->(b370),

(u21)-[:Read{Rate:6}]->(b128),

(u21)-[:Read{Rate:4}]->(b333),

(u21)-[:Read{Rate:2}]->(b90),

(u21)-[:Read{Rate:8}]->(b430),

(u21)-[:Read{Rate:2}]->(b185),

(u21)-[:Read{Rate:10}]->(b277),

(u21)-[:Read{Rate:8}]->(b458),

(u21)-[:Read{Rate:7}]->(b496),

(u21)-[:Read{Rate:3}]->(b402),

(u21)-[:Read{Rate:7}]->(b272),

(u21)-[:Read{Rate:4}]->(b435),

(u21)-[:Read{Rate:10}]->(b497),

(u21)-[:Read{Rate:9}]->(b122),

(u21)-[:Read{Rate:4}]->(b23),

(u21)-[:Read{Rate:10}]->(b315),

(u21)-[:Read{Rate:4}]->(b317),

(u21)-[:Read{Rate:5}]->(b142),

(u21)-[:Read{Rate:2}]->(b384),

(u21)-[:Read{Rate:2}]->(b311),

(u21)-[:Read{Rate:10}]->(b295),

(u21)-[:Read{Rate:7}]->(b388),

(u21)-[:Read{Rate:9}]->(b165),

(u21)-[:Read{Rate:5}]->(b320),

(u21)-[:Read{Rate:10}]->(b284),

(u21)-[:Read{Rate:1}]->(b81),

(u21)-[:Read{Rate:4}]->(b379),

(u21)-[:Read{Rate:10}]->(b233),

(u21)-[:Read{Rate:7}]->(b308),

(u21)-[:Read{Rate:10}]->(b33),

(u21)-[:Read{Rate:10}]->(b439),

(u21)-[:Read{Rate:8}]->(b308),

(u21)-[:Read{Rate:4}]->(b356),

(u21)-[:Read{Rate:5}]->(b472),

(u21)-[:Read{Rate:10}]->(b51),

(u21)-[:Read{Rate:10}]->(b195),

(u21)-[:Read{Rate:9}]->(b47),

(u21)-[:Read{Rate:10}]->(b401),

(u21)-[:Read{Rate:5}]->(b378),

(u21)-[:Read{Rate:8}]->(b92),

(u21)-[:Read{Rate:3}]->(b395),

(u21)-[:Read{Rate:6}]->(b435),

(u21)-[:Read{Rate:5}]->(b168),

(u21)-[:Read{Rate:9}]->(b420),

(u21)-[:Read{Rate:2}]->(b79),

(u21)-[:Read{Rate:6}]->(b303),

(u21)-[:Read{Rate:10}]->(b408),

(u21)-[:Read{Rate:4}]->(b105),

(u21)-[:Read{Rate:10}]->(b455),

(u21)-[:Read{Rate:4}]->(b382),

(u21)-[:Read{Rate:10}]->(b256),

(u21)-[:Read{Rate:3}]->(b67),

(u21)-[:Read{Rate:4}]->(b309),

(u21)-[:Read{Rate:4}]->(b48),

(u21)-[:Read{Rate:1}]->(b192),

(u21)-[:Read{Rate:6}]->(b107),

(u21)-[:Read{Rate:10}]->(b88),

(u21)-[:Read{Rate:7}]->(b498),

(u21)-[:Read{Rate:8}]->(b164),

(u21)-[:Read{Rate:2}]->(b124),

(u21)-[:Read{Rate:9}]->(b265),

(u21)-[:Read{Rate:9}]->(b213),

(u21)-[:Read{Rate:10}]->(b443),

(u21)-[:Read{Rate:4}]->(b183),

(u21)-[:Read{Rate:10}]->(b116),

(u21)-[:Read{Rate:10}]->(b104),

(u21)-[:Read{Rate:2}]->(b120),

(u21)-[:Read{Rate:5}]->(b353),

(u21)-[:Read{Rate:5}]->(b477),

(u21)-[:Read{Rate:6}]->(b96),

(u21)-[:Read{Rate:4}]->(b332),

(u21)-[:Read{Rate:3}]->(b487),

(u21)-[:Read{Rate:9}]->(b279),

(u21)-[:Read{Rate:6}]->(b102),

(u21)-[:Read{Rate:2}]->(b391),

(u21)-[:Read{Rate:8}]->(b206),

(u21)-[:Read{Rate:7}]->(b69),

(u21)-[:Read{Rate:4}]->(b162),

(u21)-[:Read{Rate:1}]->(b277),

(u21)-[:Read{Rate:10}]->(b200),

(u21)-[:Read{Rate:5}]->(b418),

(u21)-[:Read{Rate:4}]->(b4),

(u21)-[:Read{Rate:2}]->(b357),

(u21)-[:Read{Rate:1}]->(b180),

(u21)-[:Read{Rate:6}]->(b166),

(u21)-[:Read{Rate:9}]->(b192),

(u21)-[:Read{Rate:1}]->(b17),

(u21)-[:Read{Rate:9}]->(b178),

(u21)-[:Read{Rate:4}]->(b269),

(u21)-[:Read{Rate:5}]->(b259),

(u21)-[:Read{Rate:6}]->(b192),

(u21)-[:Read{Rate:1}]->(b31),

(u21)-[:Read{Rate:8}]->(b279),

(u21)-[:Read{Rate:8}]->(b49),

(u21)-[:Read{Rate:10}]->(b57),

(u21)-[:Read{Rate:5}]->(b380),

(u21)-[:Read{Rate:10}]->(b197),

(u22)-[:Read{Rate:5}]->(b389),

(u22)-[:Read{Rate:6}]->(b138),

(u22)-[:Read{Rate:1}]->(b293),

(u22)-[:Read{Rate:7}]->(b222),

(u22)-[:Read{Rate:4}]->(b192),

(u22)-[:Read{Rate:10}]->(b229),

(u22)-[:Read{Rate:6}]->(b169),

(u22)-[:Read{Rate:5}]->(b305),

(u22)-[:Read{Rate:1}]->(b83),

(u22)-[:Read{Rate:4}]->(b340),

(u22)-[:Read{Rate:9}]->(b118),

(u22)-[:Read{Rate:9}]->(b375),

(u22)-[:Read{Rate:1}]->(b92),

(u22)-[:Read{Rate:3}]->(b308),

(u22)-[:Read{Rate:2}]->(b44),

(u22)-[:Read{Rate:8}]->(b308),

(u22)-[:Read{Rate:1}]->(b241),

(u22)-[:Read{Rate:5}]->(b378),

(u22)-[:Read{Rate:1}]->(b208),

(u22)-[:Read{Rate:5}]->(b89),

(u22)-[:Read{Rate:3}]->(b226),

(u22)-[:Read{Rate:5}]->(b242),

(u22)-[:Read{Rate:6}]->(b352),

(u22)-[:Read{Rate:5}]->(b172),

(u22)-[:Read{Rate:7}]->(b111),

(u22)-[:Read{Rate:2}]->(b22),

(u22)-[:Read{Rate:7}]->(b345),

(u22)-[:Read{Rate:7}]->(b409),

(u22)-[:Read{Rate:1}]->(b266),

(u22)-[:Read{Rate:3}]->(b129),

(u22)-[:Read{Rate:3}]->(b13),

(u22)-[:Read{Rate:6}]->(b287),

(u22)-[:Read{Rate:9}]->(b414),

(u22)-[:Read{Rate:2}]->(b25),

(u22)-[:Read{Rate:7}]->(b211),

(u22)-[:Read{Rate:10}]->(b108),

(u22)-[:Read{Rate:8}]->(b189),

(u22)-[:Read{Rate:6}]->(b127),

(u22)-[:Read{Rate:6}]->(b498),

(u22)-[:Read{Rate:7}]->(b265),

(u22)-[:Read{Rate:5}]->(b179),

(u22)-[:Read{Rate:9}]->(b469),

(u22)-[:Read{Rate:4}]->(b245),

(u22)-[:Read{Rate:3}]->(b186),

(u22)-[:Read{Rate:5}]->(b207),

(u22)-[:Read{Rate:4}]->(b71),

(u22)-[:Read{Rate:4}]->(b73),

(u22)-[:Read{Rate:8}]->(b455),

(u22)-[:Read{Rate:7}]->(b112),

(u22)-[:Read{Rate:1}]->(b44),

(u22)-[:Read{Rate:3}]->(b177),

(u22)-[:Read{Rate:6}]->(b392),

(u22)-[:Read{Rate:10}]->(b226),

(u22)-[:Read{Rate:4}]->(b427),

(u22)-[:Read{Rate:2}]->(b87),

(u22)-[:Read{Rate:8}]->(b175),

(u22)-[:Read{Rate:5}]->(b136),

(u22)-[:Read{Rate:2}]->(b306),

(u22)-[:Read{Rate:6}]->(b228),

(u22)-[:Read{Rate:3}]->(b111),

(u22)-[:Read{Rate:9}]->(b105),

(u22)-[:Read{Rate:6}]->(b82),

(u22)-[:Read{Rate:6}]->(b61),

(u22)-[:Read{Rate:1}]->(b412),

(u22)-[:Read{Rate:9}]->(b475),

(u22)-[:Read{Rate:3}]->(b97),

(u22)-[:Read{Rate:4}]->(b233),

(u22)-[:Read{Rate:9}]->(b391),

(u22)-[:Read{Rate:7}]->(b447),

(u22)-[:Read{Rate:2}]->(b434),

(u22)-[:Read{Rate:4}]->(b0),

(u22)-[:Read{Rate:9}]->(b317),

(u22)-[:Read{Rate:3}]->(b351),

(u22)-[:Read{Rate:7}]->(b8),

(u22)-[:Read{Rate:1}]->(b455),

(u22)-[:Read{Rate:5}]->(b472),

(u22)-[:Read{Rate:7}]->(b430),

(u22)-[:Read{Rate:7}]->(b414),

(u22)-[:Read{Rate:2}]->(b6),

(u22)-[:Read{Rate:8}]->(b357),

(u22)-[:Read{Rate:10}]->(b290),

(u22)-[:Read{Rate:1}]->(b273),

(u22)-[:Read{Rate:8}]->(b335),

(u22)-[:Read{Rate:4}]->(b377),

(u22)-[:Read{Rate:3}]->(b161),

(u22)-[:Read{Rate:5}]->(b407),

(u22)-[:Read{Rate:8}]->(b0),

(u22)-[:Read{Rate:2}]->(b239),

(u22)-[:Read{Rate:6}]->(b458),

(u22)-[:Read{Rate:1}]->(b437),

(u22)-[:Read{Rate:5}]->(b471),

(u22)-[:Read{Rate:4}]->(b40),

(u22)-[:Read{Rate:4}]->(b411),

(u22)-[:Read{Rate:7}]->(b389),

(u22)-[:Read{Rate:5}]->(b247),

(u22)-[:Read{Rate:4}]->(b82),

(u22)-[:Read{Rate:3}]->(b79),

(u22)-[:Read{Rate:6}]->(b67),

(u22)-[:Read{Rate:6}]->(b359),

(u22)-[:Read{Rate:6}]->(b62),

(u22)-[:Read{Rate:4}]->(b94),

(u22)-[:Read{Rate:3}]->(b430),

(u22)-[:Read{Rate:7}]->(b20),

(u22)-[:Read{Rate:6}]->(b177),

(u22)-[:Read{Rate:5}]->(b66),

(u22)-[:Read{Rate:3}]->(b458),

(u22)-[:Read{Rate:4}]->(b351),

(u22)-[:Read{Rate:7}]->(b134),

(u22)-[:Read{Rate:8}]->(b294),

(u22)-[:Read{Rate:7}]->(b261),

(u22)-[:Read{Rate:7}]->(b464),

(u22)-[:Read{Rate:5}]->(b202),

(u22)-[:Read{Rate:10}]->(b413),

(u22)-[:Read{Rate:7}]->(b463),

(u22)-[:Read{Rate:10}]->(b375),

(u22)-[:Read{Rate:1}]->(b425),

(u22)-[:Read{Rate:10}]->(b284),

(u22)-[:Read{Rate:1}]->(b50),

(u22)-[:Read{Rate:4}]->(b433),

(u22)-[:Read{Rate:3}]->(b461),

(u22)-[:Read{Rate:4}]->(b348),

(u22)-[:Read{Rate:5}]->(b243),

(u22)-[:Read{Rate:5}]->(b76),

(u22)-[:Read{Rate:7}]->(b205),

(u22)-[:Read{Rate:10}]->(b160),

(u22)-[:Read{Rate:2}]->(b415),

(u22)-[:Read{Rate:4}]->(b131),

(u22)-[:Read{Rate:5}]->(b221),

(u22)-[:Read{Rate:10}]->(b312),

(u22)-[:Read{Rate:9}]->(b347),

(u22)-[:Read{Rate:2}]->(b17),

(u22)-[:Read{Rate:9}]->(b69),

(u22)-[:Read{Rate:8}]->(b343),

(u22)-[:Read{Rate:1}]->(b228),

(u22)-[:Read{Rate:5}]->(b492),

(u22)-[:Read{Rate:7}]->(b120),

(u22)-[:Read{Rate:7}]->(b127),

(u22)-[:Read{Rate:6}]->(b70),

(u23)-[:Read{Rate:2}]->(b76),

(u23)-[:Read{Rate:6}]->(b135),

(u23)-[:Read{Rate:1}]->(b182),

(u23)-[:Read{Rate:7}]->(b410),

(u23)-[:Read{Rate:7}]->(b138),

(u23)-[:Read{Rate:9}]->(b49),

(u23)-[:Read{Rate:4}]->(b274),

(u23)-[:Read{Rate:3}]->(b465),

(u23)-[:Read{Rate:10}]->(b464),

(u23)-[:Read{Rate:4}]->(b48),

(u23)-[:Read{Rate:3}]->(b20),

(u23)-[:Read{Rate:2}]->(b370),

(u23)-[:Read{Rate:8}]->(b275),

(u23)-[:Read{Rate:2}]->(b491),

(u23)-[:Read{Rate:7}]->(b103),

(u23)-[:Read{Rate:10}]->(b281),

(u23)-[:Read{Rate:4}]->(b10),

(u23)-[:Read{Rate:10}]->(b353),

(u23)-[:Read{Rate:6}]->(b380),

(u23)-[:Read{Rate:6}]->(b306),

(u23)-[:Read{Rate:9}]->(b29),

(u23)-[:Read{Rate:8}]->(b319),

(u23)-[:Read{Rate:4}]->(b77),

(u23)-[:Read{Rate:3}]->(b314),

(u23)-[:Read{Rate:9}]->(b266),

(u23)-[:Read{Rate:4}]->(b26),

(u23)-[:Read{Rate:7}]->(b353),

(u23)-[:Read{Rate:1}]->(b114),

(u23)-[:Read{Rate:6}]->(b288),

(u23)-[:Read{Rate:1}]->(b431),

(u23)-[:Read{Rate:5}]->(b307),

(u23)-[:Read{Rate:5}]->(b239),

(u23)-[:Read{Rate:6}]->(b430),

(u23)-[:Read{Rate:10}]->(b49),

(u23)-[:Read{Rate:6}]->(b194),

(u23)-[:Read{Rate:2}]->(b438),

(u23)-[:Read{Rate:1}]->(b275),

(u23)-[:Read{Rate:2}]->(b154),

(u23)-[:Read{Rate:1}]->(b146),

(u23)-[:Read{Rate:8}]->(b98),

(u23)-[:Read{Rate:10}]->(b313),

(u23)-[:Read{Rate:10}]->(b31),

(u23)-[:Read{Rate:3}]->(b202),

(u23)-[:Read{Rate:2}]->(b225),

(u23)-[:Read{Rate:7}]->(b271),

(u23)-[:Read{Rate:6}]->(b354),

(u23)-[:Read{Rate:10}]->(b222),

(u23)-[:Read{Rate:9}]->(b300),

(u23)-[:Read{Rate:6}]->(b140),

(u23)-[:Read{Rate:2}]->(b453),

(u23)-[:Read{Rate:3}]->(b416),

(u23)-[:Read{Rate:7}]->(b111),

(u23)-[:Read{Rate:6}]->(b261),

(u23)-[:Read{Rate:3}]->(b484),

(u23)-[:Read{Rate:7}]->(b6),

(u23)-[:Read{Rate:4}]->(b452),

(u23)-[:Read{Rate:2}]->(b287),

(u23)-[:Read{Rate:2}]->(b169),

(u23)-[:Read{Rate:1}]->(b306),

(u23)-[:Read{Rate:9}]->(b96),

(u23)-[:Read{Rate:9}]->(b123),

(u23)-[:Read{Rate:8}]->(b32),

(u23)-[:Read{Rate:7}]->(b11),

(u23)-[:Read{Rate:10}]->(b193),

(u23)-[:Read{Rate:3}]->(b239),

(u23)-[:Read{Rate:2}]->(b363),

(u23)-[:Read{Rate:9}]->(b256),

(u23)-[:Read{Rate:9}]->(b487),

(u23)-[:Read{Rate:2}]->(b499),

(u23)-[:Read{Rate:2}]->(b151),

(u23)-[:Read{Rate:8}]->(b176),

(u23)-[:Read{Rate:10}]->(b381),

(u23)-[:Read{Rate:9}]->(b168),

(u23)-[:Read{Rate:1}]->(b236),

(u23)-[:Read{Rate:4}]->(b281),

(u23)-[:Read{Rate:10}]->(b313),

(u23)-[:Read{Rate:1}]->(b172),

(u23)-[:Read{Rate:2}]->(b376),

(u23)-[:Read{Rate:4}]->(b169),

(u23)-[:Read{Rate:1}]->(b303),

(u23)-[:Read{Rate:9}]->(b339),

(u23)-[:Read{Rate:4}]->(b123),

(u23)-[:Read{Rate:9}]->(b143),

(u23)-[:Read{Rate:5}]->(b476),

(u23)-[:Read{Rate:5}]->(b330),

(u23)-[:Read{Rate:7}]->(b376),

(u23)-[:Read{Rate:8}]->(b111),

(u23)-[:Read{Rate:3}]->(b467),

(u23)-[:Read{Rate:1}]->(b280),

(u23)-[:Read{Rate:9}]->(b112),

(u23)-[:Read{Rate:4}]->(b350),

(u23)-[:Read{Rate:8}]->(b281),

(u23)-[:Read{Rate:10}]->(b494),

(u23)-[:Read{Rate:4}]->(b191),

(u23)-[:Read{Rate:8}]->(b17),

(u23)-[:Read{Rate:9}]->(b202),

(u23)-[:Read{Rate:4}]->(b339),

(u23)-[:Read{Rate:5}]->(b91),

(u23)-[:Read{Rate:9}]->(b188),

(u23)-[:Read{Rate:9}]->(b258),

(u23)-[:Read{Rate:5}]->(b37),

(u23)-[:Read{Rate:1}]->(b425),

(u23)-[:Read{Rate:2}]->(b426),

(u23)-[:Read{Rate:6}]->(b235),

(u23)-[:Read{Rate:6}]->(b133),

(u23)-[:Read{Rate:1}]->(b324),

(u23)-[:Read{Rate:3}]->(b417),

(u23)-[:Read{Rate:10}]->(b165),

(u23)-[:Read{Rate:3}]->(b199),

(u23)-[:Read{Rate:2}]->(b194),

(u23)-[:Read{Rate:5}]->(b153),

(u23)-[:Read{Rate:9}]->(b161),

(u23)-[:Read{Rate:8}]->(b71),

(u23)-[:Read{Rate:3}]->(b102),

(u23)-[:Read{Rate:8}]->(b190),

(u23)-[:Read{Rate:9}]->(b351),

(u23)-[:Read{Rate:5}]->(b28),

(u23)-[:Read{Rate:10}]->(b147),

(u23)-[:Read{Rate:1}]->(b311),

(u23)-[:Read{Rate:2}]->(b210),

(u23)-[:Read{Rate:3}]->(b421),

(u23)-[:Read{Rate:6}]->(b171),

(u23)-[:Read{Rate:9}]->(b29),

(u23)-[:Read{Rate:10}]->(b371),

(u23)-[:Read{Rate:10}]->(b440),

(u23)-[:Read{Rate:7}]->(b495),

(u23)-[:Read{Rate:6}]->(b129),

(u23)-[:Read{Rate:2}]->(b94),

(u23)-[:Read{Rate:9}]->(b407),

(u23)-[:Read{Rate:3}]->(b355),

(u23)-[:Read{Rate:7}]->(b362),

(u23)-[:Read{Rate:5}]->(b233),

(u23)-[:Read{Rate:10}]->(b461),

(u23)-[:Read{Rate:1}]->(b428),

(u23)-[:Read{Rate:9}]->(b435),

(u23)-[:Read{Rate:10}]->(b59),

(u23)-[:Read{Rate:7}]->(b413),

(u23)-[:Read{Rate:6}]->(b466),

(u23)-[:Read{Rate:5}]->(b270),

(u23)-[:Read{Rate:9}]->(b360),

(u23)-[:Read{Rate:6}]->(b364),

(u23)-[:Read{Rate:8}]->(b460),

(u23)-[:Read{Rate:5}]->(b85),

(u23)-[:Read{Rate:4}]->(b167),

(u23)-[:Read{Rate:9}]->(b53),

(u23)-[:Read{Rate:6}]->(b342),

(u23)-[:Read{Rate:7}]->(b14),

(u23)-[:Read{Rate:4}]->(b294),

(u23)-[:Read{Rate:2}]->(b243),

(u23)-[:Read{Rate:9}]->(b369),

(u23)-[:Read{Rate:10}]->(b114),

(u23)-[:Read{Rate:2}]->(b454),

(u23)-[:Read{Rate:4}]->(b166),

(u23)-[:Read{Rate:9}]->(b494),

(u23)-[:Read{Rate:4}]->(b290),

(u23)-[:Read{Rate:5}]->(b43),

(u23)-[:Read{Rate:1}]->(b354),

(u23)-[:Read{Rate:1}]->(b209),

(u23)-[:Read{Rate:3}]->(b276),

(u23)-[:Read{Rate:4}]->(b18),

(u23)-[:Read{Rate:10}]->(b141),

(u23)-[:Read{Rate:7}]->(b279),

(u23)-[:Read{Rate:2}]->(b50),

(u23)-[:Read{Rate:8}]->(b218),

(u23)-[:Read{Rate:1}]->(b417),

(u23)-[:Read{Rate:9}]->(b411),

(u23)-[:Read{Rate:5}]->(b0),

(u23)-[:Read{Rate:7}]->(b302),

(u23)-[:Read{Rate:4}]->(b319),

(u23)-[:Read{Rate:5}]->(b141),

(u23)-[:Read{Rate:5}]->(b119),

(u23)-[:Read{Rate:4}]->(b100),

(u23)-[:Read{Rate:3}]->(b447),

(u23)-[:Read{Rate:10}]->(b189),

(u23)-[:Read{Rate:9}]->(b433),

(u23)-[:Read{Rate:6}]->(b152),

(u23)-[:Read{Rate:6}]->(b195),

(u24)-[:Read{Rate:8}]->(b330),

(u24)-[:Read{Rate:2}]->(b342),

(u24)-[:Read{Rate:4}]->(b157),

(u24)-[:Read{Rate:5}]->(b415),

(u24)-[:Read{Rate:10}]->(b368),

(u24)-[:Read{Rate:8}]->(b216),

(u24)-[:Read{Rate:8}]->(b305),

(u24)-[:Read{Rate:2}]->(b490),

(u24)-[:Read{Rate:5}]->(b212),

(u24)-[:Read{Rate:10}]->(b83),

(u24)-[:Read{Rate:2}]->(b94),

(u24)-[:Read{Rate:5}]->(b221),

(u24)-[:Read{Rate:10}]->(b118),

(u24)-[:Read{Rate:8}]->(b464),

(u24)-[:Read{Rate:1}]->(b106),

(u24)-[:Read{Rate:10}]->(b254),

(u24)-[:Read{Rate:8}]->(b204),

(u24)-[:Read{Rate:8}]->(b112),

(u24)-[:Read{Rate:9}]->(b103),

(u24)-[:Read{Rate:10}]->(b430),

(u24)-[:Read{Rate:3}]->(b151),

(u24)-[:Read{Rate:7}]->(b347),

(u24)-[:Read{Rate:4}]->(b203),

(u24)-[:Read{Rate:6}]->(b284),

(u24)-[:Read{Rate:1}]->(b369),

(u24)-[:Read{Rate:9}]->(b243),

(u24)-[:Read{Rate:5}]->(b212),

(u24)-[:Read{Rate:10}]->(b408),

(u24)-[:Read{Rate:2}]->(b404),

(u24)-[:Read{Rate:3}]->(b455),

(u24)-[:Read{Rate:10}]->(b466),

(u24)-[:Read{Rate:4}]->(b405),

(u24)-[:Read{Rate:1}]->(b306),

(u24)-[:Read{Rate:5}]->(b176),

(u24)-[:Read{Rate:9}]->(b125),

(u24)-[:Read{Rate:7}]->(b170),

(u24)-[:Read{Rate:7}]->(b489),

(u24)-[:Read{Rate:4}]->(b369),

(u24)-[:Read{Rate:9}]->(b42),

(u24)-[:Read{Rate:10}]->(b64),

(u24)-[:Read{Rate:2}]->(b391),

(u24)-[:Read{Rate:3}]->(b462),

(u24)-[:Read{Rate:6}]->(b202),

(u24)-[:Read{Rate:7}]->(b464),

(u24)-[:Read{Rate:8}]->(b64),

(u24)-[:Read{Rate:9}]->(b490),

(u24)-[:Read{Rate:10}]->(b379),

(u24)-[:Read{Rate:7}]->(b392),

(u24)-[:Read{Rate:4}]->(b315),

(u24)-[:Read{Rate:6}]->(b339),

(u24)-[:Read{Rate:3}]->(b318),

(u24)-[:Read{Rate:1}]->(b83),

(u24)-[:Read{Rate:4}]->(b482),

(u24)-[:Read{Rate:9}]->(b151),

(u24)-[:Read{Rate:6}]->(b22),

(u24)-[:Read{Rate:6}]->(b174),

(u24)-[:Read{Rate:9}]->(b21),

(u24)-[:Read{Rate:6}]->(b454),

(u24)-[:Read{Rate:6}]->(b352),

(u24)-[:Read{Rate:5}]->(b359),

(u24)-[:Read{Rate:9}]->(b327),

(u24)-[:Read{Rate:6}]->(b351),

(u24)-[:Read{Rate:8}]->(b188),

(u24)-[:Read{Rate:1}]->(b140),

(u24)-[:Read{Rate:1}]->(b414),

(u24)-[:Read{Rate:2}]->(b139),

(u24)-[:Read{Rate:7}]->(b431),

(u24)-[:Read{Rate:10}]->(b289),

(u24)-[:Read{Rate:1}]->(b293),

(u24)-[:Read{Rate:2}]->(b485),

(u24)-[:Read{Rate:7}]->(b158),

(u24)-[:Read{Rate:7}]->(b263),

(u24)-[:Read{Rate:7}]->(b288),

(u24)-[:Read{Rate:8}]->(b79),

(u24)-[:Read{Rate:5}]->(b480),

(u24)-[:Read{Rate:2}]->(b254),

(u24)-[:Read{Rate:4}]->(b103),

(u24)-[:Read{Rate:1}]->(b3),

(u24)-[:Read{Rate:10}]->(b300),

(u24)-[:Read{Rate:1}]->(b43),

(u24)-[:Read{Rate:1}]->(b267),

(u24)-[:Read{Rate:5}]->(b321),

(u24)-[:Read{Rate:1}]->(b83),

(u24)-[:Read{Rate:6}]->(b298),

(u24)-[:Read{Rate:2}]->(b430),

(u24)-[:Read{Rate:5}]->(b242),

(u24)-[:Read{Rate:10}]->(b313),

(u24)-[:Read{Rate:10}]->(b238),

(u24)-[:Read{Rate:2}]->(b462),

(u24)-[:Read{Rate:8}]->(b383),

(u24)-[:Read{Rate:6}]->(b386),

(u24)-[:Read{Rate:7}]->(b170),

(u24)-[:Read{Rate:6}]->(b334),

(u24)-[:Read{Rate:8}]->(b3),

(u24)-[:Read{Rate:5}]->(b276),

(u24)-[:Read{Rate:5}]->(b105),

(u24)-[:Read{Rate:6}]->(b217),

(u24)-[:Read{Rate:1}]->(b59),

(u24)-[:Read{Rate:3}]->(b8),

(u24)-[:Read{Rate:7}]->(b168),

(u24)-[:Read{Rate:10}]->(b109),

(u24)-[:Read{Rate:5}]->(b52),

(u24)-[:Read{Rate:1}]->(b223),

(u24)-[:Read{Rate:3}]->(b400),

(u24)-[:Read{Rate:1}]->(b80),

(u24)-[:Read{Rate:7}]->(b368),

(u24)-[:Read{Rate:3}]->(b151),

(u24)-[:Read{Rate:10}]->(b210),

(u24)-[:Read{Rate:3}]->(b385),

(u24)-[:Read{Rate:4}]->(b226),

(u24)-[:Read{Rate:3}]->(b70),

(u24)-[:Read{Rate:2}]->(b209),

(u24)-[:Read{Rate:3}]->(b297),

(u24)-[:Read{Rate:5}]->(b243),

(u24)-[:Read{Rate:4}]->(b347),

(u24)-[:Read{Rate:4}]->(b183),

(u24)-[:Read{Rate:2}]->(b484),

(u24)-[:Read{Rate:2}]->(b5),

(u24)-[:Read{Rate:1}]->(b404),

(u24)-[:Read{Rate:2}]->(b61),

(u24)-[:Read{Rate:7}]->(b244),

(u24)-[:Read{Rate:4}]->(b299),

(u24)-[:Read{Rate:10}]->(b400),

(u24)-[:Read{Rate:6}]->(b466),

(u24)-[:Read{Rate:7}]->(b42),

(u24)-[:Read{Rate:8}]->(b396),

(u24)-[:Read{Rate:5}]->(b383),

(u24)-[:Read{Rate:9}]->(b164),

(u24)-[:Read{Rate:1}]->(b45),

(u24)-[:Read{Rate:2}]->(b258),

(u24)-[:Read{Rate:5}]->(b19),

(u24)-[:Read{Rate:5}]->(b49),

(u24)-[:Read{Rate:2}]->(b427),

(u24)-[:Read{Rate:10}]->(b475),

(u24)-[:Read{Rate:10}]->(b138),

(u24)-[:Read{Rate:5}]->(b241),

(u24)-[:Read{Rate:6}]->(b358),

(u24)-[:Read{Rate:7}]->(b78),

(u24)-[:Read{Rate:3}]->(b391),

(u24)-[:Read{Rate:1}]->(b464),

(u24)-[:Read{Rate:4}]->(b228),

(u24)-[:Read{Rate:6}]->(b279),

(u24)-[:Read{Rate:8}]->(b402),

(u24)-[:Read{Rate:4}]->(b52),

(u24)-[:Read{Rate:1}]->(b360),

(u24)-[:Read{Rate:2}]->(b237),

(u24)-[:Read{Rate:9}]->(b404),

(u24)-[:Read{Rate:3}]->(b233),

(u24)-[:Read{Rate:4}]->(b63),

(u24)-[:Read{Rate:3}]->(b446),

(u24)-[:Read{Rate:1}]->(b239),

(u24)-[:Read{Rate:9}]->(b24),

(u24)-[:Read{Rate:3}]->(b242),

(u24)-[:Read{Rate:10}]->(b206),

(u24)-[:Read{Rate:4}]->(b150),

(u24)-[:Read{Rate:9}]->(b38),

(u24)-[:Read{Rate:3}]->(b33),

(u24)-[:Read{Rate:10}]->(b253),

(u24)-[:Read{Rate:9}]->(b321),

(u24)-[:Read{Rate:5}]->(b445),

(u24)-[:Read{Rate:10}]->(b179),

(u24)-[:Read{Rate:2}]->(b462),

(u24)-[:Read{Rate:2}]->(b153),

(u24)-[:Read{Rate:9}]->(b375),

(u24)-[:Read{Rate:6}]->(b341),

(u24)-[:Read{Rate:8}]->(b464),

(u24)-[:Read{Rate:5}]->(b44),

(u24)-[:Read{Rate:7}]->(b431),

(u24)-[:Read{Rate:3}]->(b155),

(u24)-[:Read{Rate:10}]->(b268),

(u24)-[:Read{Rate:4}]->(b93),

(u24)-[:Read{Rate:5}]->(b6),

(u24)-[:Read{Rate:3}]->(b294),

(u24)-[:Read{Rate:4}]->(b331),

(u24)-[:Read{Rate:1}]->(b462),

(u24)-[:Read{Rate:6}]->(b410),

(u24)-[:Read{Rate:2}]->(b333),

(u24)-[:Read{Rate:1}]->(b195),

(u24)-[:Read{Rate:8}]->(b397),

(u24)-[:Read{Rate:10}]->(b280),

(u24)-[:Read{Rate:10}]->(b218),

(u24)-[:Read{Rate:7}]->(b208),

(u24)-[:Read{Rate:5}]->(b121),

(u24)-[:Read{Rate:9}]->(b321),

(u24)-[:Read{Rate:8}]->(b45),

(u24)-[:Read{Rate:7}]->(b255),

(u24)-[:Read{Rate:4}]->(b171),

(u24)-[:Read{Rate:9}]->(b171),

(u24)-[:Read{Rate:1}]->(b240),

(u24)-[:Read{Rate:7}]->(b26),

(u24)-[:Read{Rate:7}]->(b18),

(u24)-[:Read{Rate:8}]->(b340),

(u24)-[:Read{Rate:8}]->(b374),

(u24)-[:Read{Rate:9}]->(b292),

(u24)-[:Read{Rate:6}]->(b321),

(u24)-[:Read{Rate:2}]->(b400),

(u24)-[:Read{Rate:5}]->(b438),

(u24)-[:Read{Rate:1}]->(b66),

(u24)-[:Read{Rate:10}]->(b475),

(u24)-[:Read{Rate:1}]->(b479),

(u24)-[:Read{Rate:10}]->(b387),

(u24)-[:Read{Rate:4}]->(b300),

(u24)-[:Read{Rate:6}]->(b320),

(u24)-[:Read{Rate:9}]->(b145),

(u24)-[:Read{Rate:8}]->(b34),

(u24)-[:Read{Rate:3}]->(b416),

(u24)-[:Read{Rate:8}]->(b331),

(u24)-[:Read{Rate:6}]->(b337),

(u24)-[:Read{Rate:4}]->(b436),

(u24)-[:Read{Rate:2}]->(b328),

(u24)-[:Read{Rate:8}]->(b51),

(u25)-[:Read{Rate:1}]->(b318),

(u25)-[:Read{Rate:2}]->(b21),

(u25)-[:Read{Rate:6}]->(b426),

(u25)-[:Read{Rate:5}]->(b459),

(u25)-[:Read{Rate:5}]->(b172),

(u25)-[:Read{Rate:4}]->(b168),

(u25)-[:Read{Rate:2}]->(b293),

(u25)-[:Read{Rate:2}]->(b424),

(u26)-[:Read{Rate:9}]->(b442),

(u26)-[:Read{Rate:5}]->(b415),

(u26)-[:Read{Rate:9}]->(b137),

(u26)-[:Read{Rate:8}]->(b314),

(u26)-[:Read{Rate:3}]->(b253),

(u26)-[:Read{Rate:5}]->(b185),

(u26)-[:Read{Rate:9}]->(b359),

(u26)-[:Read{Rate:9}]->(b195),

(u26)-[:Read{Rate:1}]->(b438),

(u26)-[:Read{Rate:7}]->(b281),

(u26)-[:Read{Rate:5}]->(b338),

(u26)-[:Read{Rate:3}]->(b252),

(u26)-[:Read{Rate:4}]->(b171),

(u26)-[:Read{Rate:4}]->(b228),

(u26)-[:Read{Rate:10}]->(b329),

(u26)-[:Read{Rate:3}]->(b231),

(u26)-[:Read{Rate:9}]->(b151),

(u26)-[:Read{Rate:5}]->(b300),

(u26)-[:Read{Rate:6}]->(b225),

(u26)-[:Read{Rate:8}]->(b55),

(u26)-[:Read{Rate:2}]->(b463),

(u26)-[:Read{Rate:10}]->(b132),

(u26)-[:Read{Rate:9}]->(b168),

(u26)-[:Read{Rate:7}]->(b144),

(u26)-[:Read{Rate:9}]->(b484),

(u26)-[:Read{Rate:8}]->(b237),

(u26)-[:Read{Rate:5}]->(b271),

(u26)-[:Read{Rate:9}]->(b146),

(u26)-[:Read{Rate:1}]->(b331),

(u26)-[:Read{Rate:5}]->(b108),

(u26)-[:Read{Rate:1}]->(b275),

(u26)-[:Read{Rate:4}]->(b226),

(u26)-[:Read{Rate:6}]->(b490),

(u26)-[:Read{Rate:2}]->(b11),

(u26)-[:Read{Rate:2}]->(b121),

(u26)-[:Read{Rate:1}]->(b2),

(u26)-[:Read{Rate:8}]->(b445),

(u26)-[:Read{Rate:9}]->(b431),

(u26)-[:Read{Rate:3}]->(b361),

(u26)-[:Read{Rate:3}]->(b96),

(u26)-[:Read{Rate:1}]->(b21),

(u26)-[:Read{Rate:1}]->(b27),

(u26)-[:Read{Rate:6}]->(b395),

(u26)-[:Read{Rate:4}]->(b203),

(u26)-[:Read{Rate:7}]->(b285),

(u26)-[:Read{Rate:2}]->(b116),

(u26)-[:Read{Rate:1}]->(b464),

(u26)-[:Read{Rate:2}]->(b238),

(u26)-[:Read{Rate:9}]->(b245),

(u26)-[:Read{Rate:1}]->(b472),

(u26)-[:Read{Rate:5}]->(b113),

(u26)-[:Read{Rate:6}]->(b46),

(u26)-[:Read{Rate:8}]->(b480),

(u26)-[:Read{Rate:2}]->(b333),

(u26)-[:Read{Rate:10}]->(b70),

(u26)-[:Read{Rate:7}]->(b251),

(u26)-[:Read{Rate:1}]->(b406),

(u26)-[:Read{Rate:2}]->(b475),

(u26)-[:Read{Rate:1}]->(b261),

(u26)-[:Read{Rate:4}]->(b7),

(u26)-[:Read{Rate:4}]->(b84),

(u26)-[:Read{Rate:3}]->(b326),

(u26)-[:Read{Rate:4}]->(b255),

(u26)-[:Read{Rate:8}]->(b91),

(u26)-[:Read{Rate:5}]->(b426),

(u26)-[:Read{Rate:8}]->(b115),

(u26)-[:Read{Rate:10}]->(b483),

(u26)-[:Read{Rate:3}]->(b147),

(u26)-[:Read{Rate:9}]->(b214),

(u26)-[:Read{Rate:5}]->(b245),

(u26)-[:Read{Rate:9}]->(b14),

(u26)-[:Read{Rate:6}]->(b69),

(u26)-[:Read{Rate:10}]->(b186),

(u26)-[:Read{Rate:10}]->(b436),

(u26)-[:Read{Rate:9}]->(b396),

(u26)-[:Read{Rate:4}]->(b186),

(u26)-[:Read{Rate:3}]->(b403),

(u26)-[:Read{Rate:2}]->(b199),

(u26)-[:Read{Rate:6}]->(b220),

(u26)-[:Read{Rate:6}]->(b349),

(u26)-[:Read{Rate:4}]->(b213),

(u26)-[:Read{Rate:4}]->(b279),

(u26)-[:Read{Rate:10}]->(b33),

(u26)-[:Read{Rate:3}]->(b92),

(u26)-[:Read{Rate:8}]->(b332),

(u26)-[:Read{Rate:4}]->(b132),

(u26)-[:Read{Rate:3}]->(b180),

(u26)-[:Read{Rate:1}]->(b481),

(u26)-[:Read{Rate:9}]->(b121),

(u26)-[:Read{Rate:2}]->(b135),

(u26)-[:Read{Rate:1}]->(b49),

(u26)-[:Read{Rate:10}]->(b106),

(u26)-[:Read{Rate:5}]->(b323),

(u26)-[:Read{Rate:4}]->(b21),

(u26)-[:Read{Rate:8}]->(b303),

(u26)-[:Read{Rate:5}]->(b18),

(u26)-[:Read{Rate:6}]->(b61),

(u26)-[:Read{Rate:1}]->(b436),

(u26)-[:Read{Rate:10}]->(b159),

(u26)-[:Read{Rate:2}]->(b129),

(u26)-[:Read{Rate:7}]->(b216),

(u26)-[:Read{Rate:6}]->(b244),

(u26)-[:Read{Rate:3}]->(b58),

(u26)-[:Read{Rate:5}]->(b43),

(u26)-[:Read{Rate:1}]->(b414),

(u26)-[:Read{Rate:7}]->(b489),

(u26)-[:Read{Rate:9}]->(b490),

(u26)-[:Read{Rate:8}]->(b133),

(u26)-[:Read{Rate:5}]->(b89),

(u26)-[:Read{Rate:10}]->(b244),

(u26)-[:Read{Rate:10}]->(b91),

(u26)-[:Read{Rate:7}]->(b23),

(u26)-[:Read{Rate:4}]->(b175),

(u26)-[:Read{Rate:5}]->(b28),

(u26)-[:Read{Rate:4}]->(b19),

(u26)-[:Read{Rate:1}]->(b494),

(u26)-[:Read{Rate:2}]->(b487),

(u26)-[:Read{Rate:7}]->(b184),

(u26)-[:Read{Rate:7}]->(b288),

(u26)-[:Read{Rate:4}]->(b462),

(u26)-[:Read{Rate:10}]->(b222),

(u26)-[:Read{Rate:6}]->(b456),

(u26)-[:Read{Rate:5}]->(b204),

(u26)-[:Read{Rate:9}]->(b164),

(u26)-[:Read{Rate:3}]->(b220),

(u26)-[:Read{Rate:3}]->(b268),

(u26)-[:Read{Rate:9}]->(b339),

(u26)-[:Read{Rate:3}]->(b439),

(u26)-[:Read{Rate:10}]->(b309),

(u26)-[:Read{Rate:6}]->(b101),

(u26)-[:Read{Rate:7}]->(b132),

(u26)-[:Read{Rate:4}]->(b241),

(u26)-[:Read{Rate:9}]->(b227),

(u26)-[:Read{Rate:9}]->(b310),

(u26)-[:Read{Rate:1}]->(b281),

(u26)-[:Read{Rate:8}]->(b237),

(u26)-[:Read{Rate:2}]->(b1),

(u26)-[:Read{Rate:5}]->(b86),

(u26)-[:Read{Rate:3}]->(b284),

(u26)-[:Read{Rate:6}]->(b300),

(u26)-[:Read{Rate:9}]->(b4),

(u26)-[:Read{Rate:5}]->(b253),

(u26)-[:Read{Rate:3}]->(b12),

(u26)-[:Read{Rate:6}]->(b173),

(u26)-[:Read{Rate:10}]->(b371),

(u26)-[:Read{Rate:2}]->(b104),

(u26)-[:Read{Rate:5}]->(b346),

(u26)-[:Read{Rate:6}]->(b134),

(u26)-[:Read{Rate:2}]->(b234),

(u26)-[:Read{Rate:10}]->(b467),

(u26)-[:Read{Rate:9}]->(b217),

(u26)-[:Read{Rate:7}]->(b417),

(u26)-[:Read{Rate:1}]->(b175),

(u26)-[:Read{Rate:10}]->(b90),

(u26)-[:Read{Rate:2}]->(b441),

(u26)-[:Read{Rate:7}]->(b11),

(u26)-[:Read{Rate:6}]->(b247),

(u26)-[:Read{Rate:7}]->(b337),

(u26)-[:Read{Rate:3}]->(b151),

(u26)-[:Read{Rate:7}]->(b97),

(u26)-[:Read{Rate:9}]->(b276),

(u26)-[:Read{Rate:1}]->(b66),

(u26)-[:Read{Rate:4}]->(b307),

(u26)-[:Read{Rate:8}]->(b197),

(u26)-[:Read{Rate:10}]->(b52),

(u26)-[:Read{Rate:5}]->(b408),

(u26)-[:Read{Rate:9}]->(b351),

(u26)-[:Read{Rate:5}]->(b212),

(u26)-[:Read{Rate:5}]->(b179),

(u26)-[:Read{Rate:8}]->(b353),

(u26)-[:Read{Rate:8}]->(b427),

(u26)-[:Read{Rate:5}]->(b115),

(u26)-[:Read{Rate:2}]->(b235),

(u26)-[:Read{Rate:3}]->(b116),

(u26)-[:Read{Rate:3}]->(b210),

(u26)-[:Read{Rate:1}]->(b471),

(u26)-[:Read{Rate:10}]->(b496),

(u26)-[:Read{Rate:10}]->(b374),

(u26)-[:Read{Rate:6}]->(b392),

(u26)-[:Read{Rate:9}]->(b242),

(u26)-[:Read{Rate:3}]->(b176),

(u26)-[:Read{Rate:6}]->(b292),

(u26)-[:Read{Rate:9}]->(b491),

(u26)-[:Read{Rate:6}]->(b395),

(u26)-[:Read{Rate:10}]->(b16),

(u26)-[:Read{Rate:2}]->(b14),

(u26)-[:Read{Rate:5}]->(b249),

(u26)-[:Read{Rate:3}]->(b397),

(u26)-[:Read{Rate:8}]->(b21),

(u26)-[:Read{Rate:3}]->(b302),

(u26)-[:Read{Rate:2}]->(b251),

(u26)-[:Read{Rate:8}]->(b225),

(u26)-[:Read{Rate:7}]->(b118),

(u26)-[:Read{Rate:9}]->(b344),

(u26)-[:Read{Rate:7}]->(b119),

(u26)-[:Read{Rate:10}]->(b119),

(u26)-[:Read{Rate:6}]->(b362),

(u26)-[:Read{Rate:2}]->(b122),

(u26)-[:Read{Rate:6}]->(b460),

(u26)-[:Read{Rate:9}]->(b24),

(u26)-[:Read{Rate:10}]->(b192),

(u26)-[:Read{Rate:2}]->(b449),

(u26)-[:Read{Rate:7}]->(b107),

(u26)-[:Read{Rate:1}]->(b390),

(u26)-[:Read{Rate:7}]->(b410),

(u26)-[:Read{Rate:1}]->(b162),

(u26)-[:Read{Rate:5}]->(b495),

(u26)-[:Read{Rate:7}]->(b292),

(u26)-[:Read{Rate:4}]->(b495),

(u26)-[:Read{Rate:9}]->(b226),

(u26)-[:Read{Rate:8}]->(b273),

(u26)-[:Read{Rate:5}]->(b168),

(u26)-[:Read{Rate:6}]->(b433),

(u26)-[:Read{Rate:10}]->(b490),

(u26)-[:Read{Rate:7}]->(b474),

(u26)-[:Read{Rate:7}]->(b155),

(u27)-[:Read{Rate:10}]->(b323),

(u27)-[:Read{Rate:9}]->(b410),

(u27)-[:Read{Rate:2}]->(b263),

(u27)-[:Read{Rate:2}]->(b446),

(u27)-[:Read{Rate:8}]->(b240),

(u27)-[:Read{Rate:9}]->(b363),

(u27)-[:Read{Rate:8}]->(b196),

(u27)-[:Read{Rate:4}]->(b314),

(u27)-[:Read{Rate:2}]->(b6),

(u27)-[:Read{Rate:1}]->(b114),

(u27)-[:Read{Rate:4}]->(b147),

(u27)-[:Read{Rate:3}]->(b10),

(u27)-[:Read{Rate:4}]->(b321),

(u27)-[:Read{Rate:1}]->(b489),

(u27)-[:Read{Rate:7}]->(b68),

(u27)-[:Read{Rate:5}]->(b50),

(u27)-[:Read{Rate:8}]->(b31),

(u27)-[:Read{Rate:2}]->(b401),

(u27)-[:Read{Rate:6}]->(b12),

(u27)-[:Read{Rate:8}]->(b487),

(u27)-[:Read{Rate:5}]->(b173),

(u27)-[:Read{Rate:5}]->(b11),

(u27)-[:Read{Rate:8}]->(b495),

(u27)-[:Read{Rate:10}]->(b66),

(u27)-[:Read{Rate:1}]->(b213),

(u27)-[:Read{Rate:2}]->(b189),

(u27)-[:Read{Rate:5}]->(b27),

(u27)-[:Read{Rate:9}]->(b423),

(u27)-[:Read{Rate:4}]->(b422),

(u27)-[:Read{Rate:5}]->(b320),

(u27)-[:Read{Rate:9}]->(b424),

(u27)-[:Read{Rate:8}]->(b330),

(u27)-[:Read{Rate:5}]->(b117),

(u27)-[:Read{Rate:3}]->(b68),

(u27)-[:Read{Rate:5}]->(b261),

(u27)-[:Read{Rate:2}]->(b210),

(u27)-[:Read{Rate:2}]->(b373),

(u27)-[:Read{Rate:9}]->(b402),

(u27)-[:Read{Rate:6}]->(b280),

(u27)-[:Read{Rate:5}]->(b243),

(u27)-[:Read{Rate:8}]->(b203),

(u27)-[:Read{Rate:5}]->(b498),

(u27)-[:Read{Rate:7}]->(b66),

(u27)-[:Read{Rate:6}]->(b123),

(u27)-[:Read{Rate:5}]->(b237),

(u27)-[:Read{Rate:10}]->(b115),

(u27)-[:Read{Rate:8}]->(b254),

(u27)-[:Read{Rate:10}]->(b35),

(u27)-[:Read{Rate:6}]->(b84),

(u27)-[:Read{Rate:10}]->(b360),

(u27)-[:Read{Rate:8}]->(b24),

(u27)-[:Read{Rate:10}]->(b28),

(u27)-[:Read{Rate:5}]->(b168),

(u27)-[:Read{Rate:7}]->(b373),

(u27)-[:Read{Rate:7}]->(b422),

(u27)-[:Read{Rate:4}]->(b236),

(u27)-[:Read{Rate:4}]->(b256),

(u27)-[:Read{Rate:1}]->(b76),

(u27)-[:Read{Rate:6}]->(b464),

(u27)-[:Read{Rate:4}]->(b330),

(u27)-[:Read{Rate:10}]->(b272),

(u27)-[:Read{Rate:4}]->(b212),

(u27)-[:Read{Rate:8}]->(b138),

(u27)-[:Read{Rate:1}]->(b21),

(u27)-[:Read{Rate:7}]->(b360),

(u27)-[:Read{Rate:10}]->(b178),

(u27)-[:Read{Rate:6}]->(b303),

(u27)-[:Read{Rate:6}]->(b34),

(u27)-[:Read{Rate:10}]->(b2),

(u27)-[:Read{Rate:5}]->(b311),

(u27)-[:Read{Rate:8}]->(b479),

(u27)-[:Read{Rate:10}]->(b418),

(u27)-[:Read{Rate:8}]->(b480),

(u27)-[:Read{Rate:10}]->(b130),

(u27)-[:Read{Rate:2}]->(b220),

(u27)-[:Read{Rate:10}]->(b487),

(u27)-[:Read{Rate:9}]->(b172),

(u27)-[:Read{Rate:4}]->(b275),

(u27)-[:Read{Rate:4}]->(b370),

(u27)-[:Read{Rate:8}]->(b263),

(u27)-[:Read{Rate:7}]->(b89),

(u27)-[:Read{Rate:6}]->(b58),

(u27)-[:Read{Rate:7}]->(b103),

(u27)-[:Read{Rate:2}]->(b374),

(u27)-[:Read{Rate:3}]->(b439),

(u27)-[:Read{Rate:4}]->(b453),

(u27)-[:Read{Rate:6}]->(b356),

(u27)-[:Read{Rate:7}]->(b297),

(u27)-[:Read{Rate:8}]->(b350),

(u27)-[:Read{Rate:7}]->(b24),

(u27)-[:Read{Rate:6}]->(b170),

(u27)-[:Read{Rate:2}]->(b228),

(u27)-[:Read{Rate:1}]->(b204),

(u27)-[:Read{Rate:6}]->(b299),

(u27)-[:Read{Rate:4}]->(b55),

(u27)-[:Read{Rate:10}]->(b282),

(u27)-[:Read{Rate:10}]->(b1),

(u27)-[:Read{Rate:7}]->(b454),

(u27)-[:Read{Rate:6}]->(b56),

(u27)-[:Read{Rate:9}]->(b281),

(u27)-[:Read{Rate:7}]->(b413),

(u27)-[:Read{Rate:4}]->(b255),

(u27)-[:Read{Rate:7}]->(b277),

(u27)-[:Read{Rate:6}]->(b428),

(u27)-[:Read{Rate:10}]->(b441),

(u27)-[:Read{Rate:5}]->(b474),

(u27)-[:Read{Rate:8}]->(b133),

(u27)-[:Read{Rate:6}]->(b168),

(u27)-[:Read{Rate:2}]->(b83),

(u27)-[:Read{Rate:2}]->(b405),

(u27)-[:Read{Rate:9}]->(b117),

(u27)-[:Read{Rate:9}]->(b431),

(u27)-[:Read{Rate:1}]->(b444),

(u27)-[:Read{Rate:4}]->(b255),

(u27)-[:Read{Rate:1}]->(b67),

(u27)-[:Read{Rate:2}]->(b129),

(u27)-[:Read{Rate:5}]->(b148),

(u27)-[:Read{Rate:4}]->(b365),

(u27)-[:Read{Rate:9}]->(b154),

(u27)-[:Read{Rate:5}]->(b229),

(u27)-[:Read{Rate:5}]->(b302),

(u27)-[:Read{Rate:1}]->(b307),

(u27)-[:Read{Rate:1}]->(b285),

(u27)-[:Read{Rate:2}]->(b299),

(u27)-[:Read{Rate:4}]->(b385),

(u27)-[:Read{Rate:6}]->(b438),

(u27)-[:Read{Rate:6}]->(b438),

(u27)-[:Read{Rate:5}]->(b352),

(u27)-[:Read{Rate:3}]->(b479),

(u27)-[:Read{Rate:6}]->(b120),

(u27)-[:Read{Rate:8}]->(b274),

(u27)-[:Read{Rate:7}]->(b363),

(u27)-[:Read{Rate:4}]->(b51),

(u27)-[:Read{Rate:4}]->(b130),

(u27)-[:Read{Rate:3}]->(b167),

(u27)-[:Read{Rate:9}]->(b188),

(u27)-[:Read{Rate:2}]->(b227),

(u27)-[:Read{Rate:5}]->(b338),

(u27)-[:Read{Rate:6}]->(b297),

(u27)-[:Read{Rate:7}]->(b316),

(u27)-[:Read{Rate:1}]->(b361),

(u27)-[:Read{Rate:5}]->(b184),

(u27)-[:Read{Rate:1}]->(b450),

(u27)-[:Read{Rate:4}]->(b458),

(u27)-[:Read{Rate:3}]->(b159),

(u27)-[:Read{Rate:5}]->(b379),

(u27)-[:Read{Rate:9}]->(b393),

(u27)-[:Read{Rate:8}]->(b189),

(u27)-[:Read{Rate:8}]->(b475),

(u27)-[:Read{Rate:1}]->(b233),

(u27)-[:Read{Rate:3}]->(b282),

(u27)-[:Read{Rate:6}]->(b167),

(u27)-[:Read{Rate:7}]->(b472),

(u27)-[:Read{Rate:7}]->(b57),

(u27)-[:Read{Rate:3}]->(b493),

(u27)-[:Read{Rate:6}]->(b470),

(u27)-[:Read{Rate:3}]->(b459),

(u27)-[:Read{Rate:2}]->(b249),

(u27)-[:Read{Rate:8}]->(b272),

(u27)-[:Read{Rate:1}]->(b51),

(u27)-[:Read{Rate:10}]->(b61),

(u27)-[:Read{Rate:1}]->(b147),

(u27)-[:Read{Rate:5}]->(b39),

(u27)-[:Read{Rate:4}]->(b484),

(u27)-[:Read{Rate:9}]->(b259),

(u27)-[:Read{Rate:8}]->(b440),

(u27)-[:Read{Rate:1}]->(b340),

(u27)-[:Read{Rate:7}]->(b127),

(u27)-[:Read{Rate:5}]->(b176),

(u27)-[:Read{Rate:3}]->(b155),

(u27)-[:Read{Rate:9}]->(b204),

(u27)-[:Read{Rate:2}]->(b261),

(u27)-[:Read{Rate:4}]->(b331),

(u27)-[:Read{Rate:9}]->(b177),

(u27)-[:Read{Rate:10}]->(b421),

(u27)-[:Read{Rate:7}]->(b85),

(u27)-[:Read{Rate:2}]->(b341),

(u27)-[:Read{Rate:10}]->(b331),

(u27)-[:Read{Rate:1}]->(b349),

(u27)-[:Read{Rate:8}]->(b245),

(u27)-[:Read{Rate:1}]->(b82),

(u27)-[:Read{Rate:4}]->(b11),

(u27)-[:Read{Rate:4}]->(b31),

(u27)-[:Read{Rate:3}]->(b19),

(u27)-[:Read{Rate:7}]->(b316),

(u27)-[:Read{Rate:4}]->(b204),

(u27)-[:Read{Rate:7}]->(b325),

(u27)-[:Read{Rate:4}]->(b473),

(u27)-[:Read{Rate:8}]->(b176),

(u27)-[:Read{Rate:5}]->(b68),

(u27)-[:Read{Rate:7}]->(b455),

(u27)-[:Read{Rate:6}]->(b448),

(u27)-[:Read{Rate:5}]->(b241),

(u27)-[:Read{Rate:2}]->(b198),

(u27)-[:Read{Rate:8}]->(b468),

(u27)-[:Read{Rate:9}]->(b67),

(u27)-[:Read{Rate:1}]->(b363),

(u27)-[:Read{Rate:8}]->(b372),

(u27)-[:Read{Rate:10}]->(b320),

(u27)-[:Read{Rate:6}]->(b452),

(u27)-[:Read{Rate:4}]->(b486),

(u27)-[:Read{Rate:4}]->(b188),

(u27)-[:Read{Rate:2}]->(b77),

(u27)-[:Read{Rate:4}]->(b157),

(u27)-[:Read{Rate:6}]->(b105),

(u27)-[:Read{Rate:6}]->(b337),

(u27)-[:Read{Rate:9}]->(b111),

(u27)-[:Read{Rate:6}]->(b387),

(u27)-[:Read{Rate:9}]->(b338),

(u27)-[:Read{Rate:7}]->(b158),

(u27)-[:Read{Rate:3}]->(b62),

(u27)-[:Read{Rate:7}]->(b451),

(u27)-[:Read{Rate:2}]->(b231),

(u28)-[:Read{Rate:8}]->(b422),

(u28)-[:Read{Rate:9}]->(b124),

(u28)-[:Read{Rate:1}]->(b124),

(u28)-[:Read{Rate:9}]->(b293),

(u28)-[:Read{Rate:1}]->(b412),

(u28)-[:Read{Rate:10}]->(b117),

(u28)-[:Read{Rate:9}]->(b274),

(u28)-[:Read{Rate:1}]->(b466),

(u28)-[:Read{Rate:9}]->(b390),

(u28)-[:Read{Rate:6}]->(b85),

(u28)-[:Read{Rate:6}]->(b172),

(u28)-[:Read{Rate:6}]->(b319),

(u28)-[:Read{Rate:5}]->(b214),

(u28)-[:Read{Rate:7}]->(b164),

(u28)-[:Read{Rate:1}]->(b35),

(u28)-[:Read{Rate:5}]->(b207),

(u28)-[:Read{Rate:1}]->(b261),

(u28)-[:Read{Rate:1}]->(b475),

(u28)-[:Read{Rate:6}]->(b415),

(u28)-[:Read{Rate:5}]->(b380),

(u28)-[:Read{Rate:9}]->(b60),

(u28)-[:Read{Rate:7}]->(b43),

(u28)-[:Read{Rate:7}]->(b455),

(u28)-[:Read{Rate:3}]->(b272),

(u28)-[:Read{Rate:2}]->(b94),

(u28)-[:Read{Rate:10}]->(b176),

(u28)-[:Read{Rate:8}]->(b232),

(u28)-[:Read{Rate:1}]->(b135),

(u28)-[:Read{Rate:8}]->(b378),

(u28)-[:Read{Rate:5}]->(b235),

(u28)-[:Read{Rate:3}]->(b24),

(u28)-[:Read{Rate:1}]->(b400),

(u28)-[:Read{Rate:7}]->(b126),

(u28)-[:Read{Rate:5}]->(b15),

(u28)-[:Read{Rate:1}]->(b93),

(u28)-[:Read{Rate:1}]->(b172),

(u28)-[:Read{Rate:5}]->(b101),

(u28)-[:Read{Rate:5}]->(b80),

(u28)-[:Read{Rate:6}]->(b187),

(u28)-[:Read{Rate:2}]->(b173),

(u28)-[:Read{Rate:3}]->(b425),

(u28)-[:Read{Rate:6}]->(b55),

(u28)-[:Read{Rate:10}]->(b455),

(u28)-[:Read{Rate:2}]->(b199),

(u28)-[:Read{Rate:9}]->(b406),

(u28)-[:Read{Rate:8}]->(b41),

(u28)-[:Read{Rate:5}]->(b270),

(u28)-[:Read{Rate:4}]->(b245),

(u28)-[:Read{Rate:5}]->(b249),

(u28)-[:Read{Rate:9}]->(b236),

(u28)-[:Read{Rate:7}]->(b322),

(u28)-[:Read{Rate:9}]->(b223),

(u28)-[:Read{Rate:3}]->(b132),

(u28)-[:Read{Rate:1}]->(b81),

(u28)-[:Read{Rate:9}]->(b336),

(u28)-[:Read{Rate:2}]->(b308),

(u28)-[:Read{Rate:1}]->(b200),

(u28)-[:Read{Rate:1}]->(b488),

(u28)-[:Read{Rate:9}]->(b208),

(u28)-[:Read{Rate:1}]->(b169),

(u28)-[:Read{Rate:5}]->(b88),

(u28)-[:Read{Rate:3}]->(b158),

(u28)-[:Read{Rate:1}]->(b123),

(u28)-[:Read{Rate:10}]->(b436),

(u28)-[:Read{Rate:7}]->(b276),

(u28)-[:Read{Rate:7}]->(b36),

(u28)-[:Read{Rate:3}]->(b466),

(u28)-[:Read{Rate:10}]->(b275),

(u28)-[:Read{Rate:3}]->(b431),

(u28)-[:Read{Rate:2}]->(b237),

(u28)-[:Read{Rate:7}]->(b371),

(u28)-[:Read{Rate:4}]->(b32),

(u28)-[:Read{Rate:1}]->(b5),

(u28)-[:Read{Rate:6}]->(b169),

(u28)-[:Read{Rate:10}]->(b28),

(u28)-[:Read{Rate:3}]->(b490),

(u28)-[:Read{Rate:7}]->(b286),

(u28)-[:Read{Rate:3}]->(b29),

(u28)-[:Read{Rate:10}]->(b296),

(u28)-[:Read{Rate:2}]->(b426),

(u28)-[:Read{Rate:1}]->(b16),

(u28)-[:Read{Rate:9}]->(b356),

(u28)-[:Read{Rate:5}]->(b308),

(u28)-[:Read{Rate:5}]->(b176),

(u28)-[:Read{Rate:5}]->(b219),

(u28)-[:Read{Rate:5}]->(b276),

(u28)-[:Read{Rate:6}]->(b19),

(u28)-[:Read{Rate:3}]->(b382),

(u28)-[:Read{Rate:3}]->(b80),

(u28)-[:Read{Rate:8}]->(b263),

(u28)-[:Read{Rate:6}]->(b18),

(u28)-[:Read{Rate:3}]->(b47),

(u28)-[:Read{Rate:6}]->(b447),

(u28)-[:Read{Rate:6}]->(b145),

(u28)-[:Read{Rate:6}]->(b310),

(u28)-[:Read{Rate:1}]->(b413),

(u28)-[:Read{Rate:10}]->(b135),

(u28)-[:Read{Rate:6}]->(b442),

(u28)-[:Read{Rate:8}]->(b99),

(u28)-[:Read{Rate:9}]->(b284),

(u28)-[:Read{Rate:6}]->(b497),

(u28)-[:Read{Rate:8}]->(b105),

(u28)-[:Read{Rate:7}]->(b67),

(u28)-[:Read{Rate:3}]->(b115),

(u28)-[:Read{Rate:3}]->(b464),

(u28)-[:Read{Rate:3}]->(b171),

(u28)-[:Read{Rate:7}]->(b452),

(u28)-[:Read{Rate:8}]->(b466),

(u28)-[:Read{Rate:8}]->(b441),

(u28)-[:Read{Rate:4}]->(b119),

(u28)-[:Read{Rate:8}]->(b168),

(u28)-[:Read{Rate:5}]->(b74),

(u28)-[:Read{Rate:1}]->(b482),

(u28)-[:Read{Rate:4}]->(b3),

(u28)-[:Read{Rate:7}]->(b455),

(u28)-[:Read{Rate:7}]->(b198),

(u28)-[:Read{Rate:5}]->(b120),

(u28)-[:Read{Rate:4}]->(b480),

(u28)-[:Read{Rate:8}]->(b447),

(u28)-[:Read{Rate:5}]->(b406),

(u28)-[:Read{Rate:1}]->(b178),

(u28)-[:Read{Rate:3}]->(b83),

(u28)-[:Read{Rate:3}]->(b88),

(u28)-[:Read{Rate:9}]->(b465),

(u28)-[:Read{Rate:4}]->(b65),

(u28)-[:Read{Rate:4}]->(b392),

(u28)-[:Read{Rate:4}]->(b209),

(u28)-[:Read{Rate:10}]->(b132),

(u28)-[:Read{Rate:4}]->(b327),

(u28)-[:Read{Rate:4}]->(b1),

(u28)-[:Read{Rate:9}]->(b8),

(u28)-[:Read{Rate:4}]->(b401),

(u28)-[:Read{Rate:5}]->(b332),

(u28)-[:Read{Rate:6}]->(b28),

(u28)-[:Read{Rate:4}]->(b294),

(u28)-[:Read{Rate:5}]->(b495),

(u28)-[:Read{Rate:6}]->(b344),

(u28)-[:Read{Rate:6}]->(b62),

(u28)-[:Read{Rate:8}]->(b400),

(u28)-[:Read{Rate:8}]->(b256),

(u28)-[:Read{Rate:6}]->(b387),

(u28)-[:Read{Rate:9}]->(b426),

(u28)-[:Read{Rate:5}]->(b342),

(u28)-[:Read{Rate:5}]->(b455),

(u28)-[:Read{Rate:3}]->(b135),

(u28)-[:Read{Rate:7}]->(b5),

(u28)-[:Read{Rate:2}]->(b489),

(u28)-[:Read{Rate:6}]->(b248),

(u28)-[:Read{Rate:9}]->(b121),

(u28)-[:Read{Rate:10}]->(b477),

(u28)-[:Read{Rate:8}]->(b380),

(u28)-[:Read{Rate:1}]->(b185),

(u28)-[:Read{Rate:9}]->(b402),

(u28)-[:Read{Rate:7}]->(b63),

(u28)-[:Read{Rate:9}]->(b171),

(u28)-[:Read{Rate:8}]->(b122),

(u28)-[:Read{Rate:10}]->(b256),

(u28)-[:Read{Rate:5}]->(b127),

(u28)-[:Read{Rate:9}]->(b409),

(u28)-[:Read{Rate:10}]->(b452),

(u28)-[:Read{Rate:10}]->(b496),

(u28)-[:Read{Rate:8}]->(b389),

(u28)-[:Read{Rate:3}]->(b313),

(u28)-[:Read{Rate:7}]->(b369),

(u28)-[:Read{Rate:2}]->(b292),

(u28)-[:Read{Rate:10}]->(b293),

(u28)-[:Read{Rate:1}]->(b377),

(u28)-[:Read{Rate:1}]->(b176),

(u28)-[:Read{Rate:4}]->(b496),

(u28)-[:Read{Rate:5}]->(b64),

(u28)-[:Read{Rate:6}]->(b170),

(u28)-[:Read{Rate:7}]->(b441),

(u28)-[:Read{Rate:6}]->(b462),

(u29)-[:Read{Rate:2}]->(b256),

(u29)-[:Read{Rate:10}]->(b261),

(u29)-[:Read{Rate:3}]->(b250),

(u29)-[:Read{Rate:10}]->(b255),

(u29)-[:Read{Rate:6}]->(b243),

(u29)-[:Read{Rate:9}]->(b370),

(u29)-[:Read{Rate:7}]->(b339),

(u29)-[:Read{Rate:8}]->(b417),

(u29)-[:Read{Rate:3}]->(b77),

(u29)-[:Read{Rate:10}]->(b450),

(u29)-[:Read{Rate:7}]->(b275),

(u29)-[:Read{Rate:2}]->(b441),

(u29)-[:Read{Rate:7}]->(b45),

(u29)-[:Read{Rate:4}]->(b488),

(u29)-[:Read{Rate:3}]->(b216),

(u29)-[:Read{Rate:10}]->(b72),

(u29)-[:Read{Rate:4}]->(b87),

(u29)-[:Read{Rate:5}]->(b298),

(u29)-[:Read{Rate:1}]->(b421),

(u29)-[:Read{Rate:4}]->(b100),

(u29)-[:Read{Rate:8}]->(b18),

(u29)-[:Read{Rate:3}]->(b378),

(u29)-[:Read{Rate:9}]->(b382),

(u29)-[:Read{Rate:6}]->(b294),

(u29)-[:Read{Rate:10}]->(b443),

(u29)-[:Read{Rate:2}]->(b227),

(u29)-[:Read{Rate:2}]->(b259),

(u29)-[:Read{Rate:9}]->(b47),

(u29)-[:Read{Rate:2}]->(b329),

(u29)-[:Read{Rate:2}]->(b346),

(u29)-[:Read{Rate:6}]->(b350),

(u29)-[:Read{Rate:3}]->(b486),

(u29)-[:Read{Rate:7}]->(b396),

(u29)-[:Read{Rate:1}]->(b23),

(u29)-[:Read{Rate:10}]->(b212),

(u29)-[:Read{Rate:6}]->(b292),

(u29)-[:Read{Rate:5}]->(b55),

(u29)-[:Read{Rate:4}]->(b310),

(u29)-[:Read{Rate:8}]->(b86),

(u29)-[:Read{Rate:4}]->(b275),

(u29)-[:Read{Rate:3}]->(b427),

(u29)-[:Read{Rate:6}]->(b386),

(u29)-[:Read{Rate:5}]->(b295),

(u29)-[:Read{Rate:3}]->(b92),

(u29)-[:Read{Rate:3}]->(b201),

(u29)-[:Read{Rate:9}]->(b364),

(u29)-[:Read{Rate:9}]->(b303),

(u29)-[:Read{Rate:8}]->(b239),

(u29)-[:Read{Rate:9}]->(b317),

(u29)-[:Read{Rate:2}]->(b1),

(u29)-[:Read{Rate:1}]->(b204),

(u29)-[:Read{Rate:5}]->(b381),

(u29)-[:Read{Rate:5}]->(b154),

(u29)-[:Read{Rate:1}]->(b46),

(u29)-[:Read{Rate:10}]->(b105),

(u29)-[:Read{Rate:9}]->(b129),

(u29)-[:Read{Rate:8}]->(b370),

(u29)-[:Read{Rate:1}]->(b246),

(u29)-[:Read{Rate:10}]->(b360),

(u29)-[:Read{Rate:9}]->(b433),

(u29)-[:Read{Rate:8}]->(b178),

(u29)-[:Read{Rate:6}]->(b439),

(u29)-[:Read{Rate:8}]->(b455),

(u29)-[:Read{Rate:5}]->(b456),

(u29)-[:Read{Rate:2}]->(b246),

(u29)-[:Read{Rate:9}]->(b227),

(u29)-[:Read{Rate:1}]->(b43),

(u29)-[:Read{Rate:6}]->(b260),

(u29)-[:Read{Rate:5}]->(b227),

(u29)-[:Read{Rate:9}]->(b129),

(u29)-[:Read{Rate:6}]->(b110),

(u29)-[:Read{Rate:10}]->(b186),

(u29)-[:Read{Rate:2}]->(b362),

(u29)-[:Read{Rate:2}]->(b323),

(u29)-[:Read{Rate:2}]->(b448),

(u29)-[:Read{Rate:1}]->(b358),

(u29)-[:Read{Rate:3}]->(b143),

(u29)-[:Read{Rate:9}]->(b494),

(u29)-[:Read{Rate:3}]->(b437),

(u29)-[:Read{Rate:4}]->(b190),

(u29)-[:Read{Rate:9}]->(b354),

(u29)-[:Read{Rate:7}]->(b241),

(u29)-[:Read{Rate:8}]->(b78),

(u29)-[:Read{Rate:8}]->(b452),

(u29)-[:Read{Rate:4}]->(b474),

(u29)-[:Read{Rate:2}]->(b420),

(u29)-[:Read{Rate:9}]->(b93),

(u29)-[:Read{Rate:7}]->(b431),

(u29)-[:Read{Rate:9}]->(b120),

(u29)-[:Read{Rate:10}]->(b193),

(u29)-[:Read{Rate:8}]->(b471),

(u29)-[:Read{Rate:8}]->(b87),

(u29)-[:Read{Rate:9}]->(b463),

(u29)-[:Read{Rate:1}]->(b497),

(u29)-[:Read{Rate:3}]->(b177),

(u29)-[:Read{Rate:2}]->(b300),

(u29)-[:Read{Rate:6}]->(b398),

(u29)-[:Read{Rate:8}]->(b481),

(u29)-[:Read{Rate:7}]->(b271),

(u29)-[:Read{Rate:2}]->(b117),

(u29)-[:Read{Rate:1}]->(b410),

(u29)-[:Read{Rate:2}]->(b329),

(u29)-[:Read{Rate:6}]->(b90),

(u29)-[:Read{Rate:8}]->(b406),

(u29)-[:Read{Rate:8}]->(b418),

(u29)-[:Read{Rate:7}]->(b134),

(u29)-[:Read{Rate:7}]->(b276),

(u29)-[:Read{Rate:2}]->(b452),

(u29)-[:Read{Rate:7}]->(b185),

(u29)-[:Read{Rate:8}]->(b227),

(u29)-[:Read{Rate:5}]->(b399),

(u29)-[:Read{Rate:8}]->(b334),

(u29)-[:Read{Rate:2}]->(b472),

(u29)-[:Read{Rate:5}]->(b101),

(u29)-[:Read{Rate:10}]->(b463),

(u29)-[:Read{Rate:2}]->(b201),

(u29)-[:Read{Rate:3}]->(b498)

CREATE (a0:Author{name:"Anthony",lastname:"Trollope",totalBook:14,point:2.3})

CREATE (a1:Author{name:"L. Frank",lastname:"Baum",totalBook:40,point:1.0})

CREATE (a2:Author{name:"Donald J.",lastname:"Sobol",totalBook:37,point:0.7})

CREATE (a3:Author{name:"Tracy",lastname:"Chevalier",totalBook:7,point:0.0})

CREATE (a4:Author{name:"Harper",lastname:"Lee",totalBook:28,point:0.5})

CREATE (a5:Author{name:"Charlotte",lastname:"Bronté",totalBook:23,point:1.6})

CREATE (a6:Author{name:"Laura Ingalls",lastname:"Wilder",totalBook:9,point:0.0})

CREATE (a7:Author{name:"Louisa May",lastname:"Alcott",totalBook:46,point:0.2})

CREATE (a8:Author{name:"Colleen",lastname:"McCullough",totalBook:43,point:0.2})

CREATE (a9:Author{name:"Herman",lastname:"Melville",totalBook:47,point:1.7})

CREATE (a10:Author{name:"F. Scott",lastname:"Fitzgerald",totalBook:10,point:2.2})

CREATE (a11:Author{name:"Oscar",lastname:"Wilde",totalBook:26,point:3.2})

CREATE (a12:Author{name:"Antoine de",lastname:"Saint-Exupéry",totalBook:30,point:0.7})

CREATE (a13:Author{name:"James Fenimore",lastname:"Cooper",totalBook:47,point:0.0})

CREATE (a14:Author{name:"Lewis",lastname:"Carroll",totalBook:13,point:1.9})

CREATE (a15:Author{name:"Mark",lastname:"Twain",totalBook:1,point:1.0})

CREATE (a16:Author{name:"Frances Hodgson",lastname:"Burnett",totalBook:9,point:0.3})

CREATE (a17:Author{name:"George",lastname:"Orwell",totalBook:0,point:0.0})

CREATE (a18:Author{name:"Jonathan",lastname:"Swift",totalBook:7,point:0.2})

CREATE (a19:Author{name:"Audrey",lastname:"Niffenegger",totalBook:28,point:1.0})

CREATE (a20:Author{name:"Jack",lastname:"London",totalBook:39,point:0.0})

CREATE (a21:Author{name:"Jane",lastname:"Austen",totalBook:13,point:2.3})

CREATE (a22:Author{name:"Mary",lastname:"Shelley",totalBook:31,point:1.6})

CREATE (a23:Author{name:"Harriet Beecher",lastname:"Stowe",totalBook:36,point:3.7})

CREATE (a24:Author{name:"Agatha",lastname:"Christie",totalBook:11,point:0.7})

CREATE (a25:Author{name:"Thomas",lastname:"Mann",totalBook:43,point:0.2})

CREATE (a26:Author{name:"J.R.R.",lastname:"Tolkien",totalBook:45,point:1.4})

CREATE (a27:Author{name:"Beverly",lastname:"Cleary",totalBook:48,point:0.1})

CREATE (a28:Author{name:"Nathaniel",lastname:"Hawthorne",totalBook:13,point:0.2})

CREATE (a29:Author{name:"Fred",lastname:"Gipson",totalBook:11,point:0.8})

CREATE (a30:Author{name:"Gustave",lastname:"Flaubert",totalBook:3,point:0.3})

CREATE (a31:Author{name:"Sheila",lastname:"Burnford",totalBook:17,point:0.1})

CREATE (a32:Author{name:"Miguel de",lastname:"Cervantes",totalBook:40,point:9.3})

CREATE (a33:Author{name:"Isabel",lastname:"Allende",totalBook:12,point:1.2})

CREATE (a34:Author{name:"John",lastname:"Grisham",totalBook:20,point:3.2})

CREATE (a35:Author{name:"John",lastname:"Bunyan",totalBook:38,point:4.2})

CREATE (a36:Author{name:"Kenneth",lastname:"Grahame",totalBook:28,point:0.1})

CREATE (a37:Author{name:"Barbara",lastname:"Kingsolver",totalBook:28,point:2.8})

CREATE (a38:Author{name:"Victor",lastname:"Hugo",totalBook:0,point:0.2})

CREATE (a39:Author{name:"Thomas",lastname:"Keneally",totalBook:3,point:0.8})

CREATE (a40:Author{name:"Charles",lastname:"Dickens",totalBook:14,point:2.1})

CREATE (a41:Author{name:"Stephen",lastname:"King",totalBook:8,point:1.8})

CREATE (a42:Author{name:"Aldous",lastname:"Huxley",totalBook:12,point:0.5})

CREATE (a43:Author{name:"Leo",lastname:"Tolstoy",totalBook:0,point:0.3})

CREATE (a44:Author{name:"John",lastname:"Steinbeck",totalBook:28,point:2.4})

CREATE (a45:Author{name:"Alexandre",lastname:"Dumas",totalBook:12,point:0.3})

CREATE (a46:Author{name:"Fyodor",lastname:"Dostoyevsky",totalBook:23,point:0.4})

CREATE (a47:Author{name:"Lynne Reid",lastname:"Banks",totalBook:19,point:0.9})

CREATE (a48:Author{name:"Richard",lastname:"Bach",totalBook:45,point:0.5})

CREATE (a49:Author{name:"Phyllis Reynolds",lastname:"Naylor",totalBook:49,point:0.7})

CREATE (a50:Author{name:"Dashiell",lastname:"Hammett",totalBook:40,point:0.5})

CREATE (a51:Author{name:"Robert Louis",lastname:"Stevenson",totalBook:26,point:0.9})

CREATE (a52:Author{name:"Bram",lastname:"Stoker",totalBook:19,point:2.3})

CREATE (a53:Author{name:"Dan",lastname:"Brown",totalBook:43,point:2.4})

CREATE (a54:Author{name:"Emily",lastname:"Bronté",totalBook:39,point:1.6})

CREATE (a55:Author{name:"George R.R.",lastname:"Martin",totalBook:9,point:0.4})

CREATE (a56:Author{name:"Thomas",lastname:"Hardy",totalBook:46,point:6.3})

CREATE (b0)<-[:Write]-(a45),

(b1)<-[:Write]-(a17),

(b2)<-[:Write]-(a34),

(b3)<-[:Write]-(a8),

(b4)<-[:Write]-(a32),

(b5)<-[:Write]-(a44),

(b6)<-[:Write]-(a42),

(b7)<-[:Write]-(a34),

(b8)<-[:Write]-(a36),

(b9)<-[:Write]-(a6),

(b10)<-[:Write]-(a5),

(b11)<-[:Write]-(a53),

(b12)<-[:Write]-(a35),

(b13)<-[:Write]-(a48),

(b14)<-[:Write]-(a35),

(b15)<-[:Write]-(a3),

(b16)<-[:Write]-(a16),

(b17)<-[:Write]-(a27),

(b18)<-[:Write]-(a21),

(b19)<-[:Write]-(a51),

(b20)<-[:Write]-(a26),

(b21)<-[:Write]-(a24),

(b22)<-[:Write]-(a56),

(b23)<-[:Write]-(a37),

(b24)<-[:Write]-(a12),

(b25)<-[:Write]-(a12),

(b26)<-[:Write]-(a7),

(b27)<-[:Write]-(a8),

(b28)<-[:Write]-(a8),

(b29)<-[:Write]-(a44),

(b30)<-[:Write]-(a32),

(b31)<-[:Write]-(a17),

(b32)<-[:Write]-(a6),

(b33)<-[:Write]-(a16),

(b34)<-[:Write]-(a47),

(b35)<-[:Write]-(a26),

(b36)<-[:Write]-(a23),

(b37)<-[:Write]-(a19),

(b38)<-[:Write]-(a32),

(b39)<-[:Write]-(a1),

(b40)<-[:Write]-(a32),

(b41)<-[:Write]-(a46),

(b42)<-[:Write]-(a7),

(b43)<-[:Write]-(a56),

(b44)<-[:Write]-(a53),

(b45)<-[:Write]-(a51),

(b46)<-[:Write]-(a47),

(b47)<-[:Write]-(a5),

(b48)<-[:Write]-(a8),

(b49)<-[:Write]-(a22),

(b50)<-[:Write]-(a17),

(b51)<-[:Write]-(a55),

(b52)<-[:Write]-(a45),

(b53)<-[:Write]-(a4),

(b54)<-[:Write]-(a31),

(b55)<-[:Write]-(a6),

(b56)<-[:Write]-(a8),

(b57)<-[:Write]-(a44),

(b58)<-[:Write]-(a32),

(b59)<-[:Write]-(a6),

(b60)<-[:Write]-(a16),

(b61)<-[:Write]-(a55),

(b62)<-[:Write]-(a12),

(b63)<-[:Write]-(a29),

(b64)<-[:Write]-(a44),

(b65)<-[:Write]-(a48),

(b66)<-[:Write]-(a1),

(b67)<-[:Write]-(a21),

(b68)<-[:Write]-(a34),

(b69)<-[:Write]-(a50),

(b70)<-[:Write]-(a37),

(b71)<-[:Write]-(a35),

(b72)<-[:Write]-(a31),

(b73)<-[:Write]-(a34),

(b74)<-[:Write]-(a3),

(b75)<-[:Write]-(a44),

(b76)<-[:Write]-(a44),

(b77)<-[:Write]-(a0),

(b78)<-[:Write]-(a10),

(b79)<-[:Write]-(a32),

(b80)<-[:Write]-(a16),

(b81)<-[:Write]-(a23),

(b82)<-[:Write]-(a23),

(b83)<-[:Write]-(a5),

(b84)<-[:Write]-(a6),

(b85)<-[:Write]-(a27),

(b86)<-[:Write]-(a27),

(b87)<-[:Write]-(a18),

(b88)<-[:Write]-(a37),

(b89)<-[:Write]-(a23),

(b90)<-[:Write]-(a4),

(b91)<-[:Write]-(a36),

(b92)<-[:Write]-(a4),

(b93)<-[:Write]-(a12),

(b94)<-[:Write]-(a35),

(b95)<-[:Write]-(a35),

(b96)<-[:Write]-(a19),

(b97)<-[:Write]-(a15),

(b98)<-[:Write]-(a2),

(b99)<-[:Write]-(a11),

(b100)<-[:Write]-(a51),

(b101)<-[:Write]-(a49),

(b102)<-[:Write]-(a45),

(b103)<-[:Write]-(a22),

(b104)<-[:Write]-(a3),

(b105)<-[:Write]-(a55),

(b106)<-[:Write]-(a52),

(b107)<-[:Write]-(a36),

(b108)<-[:Write]-(a56),

(b109)<-[:Write]-(a44),

(b110)<-[:Write]-(a47),

(b111)<-[:Write]-(a49),

(b112)<-[:Write]-(a52),

(b113)<-[:Write]-(a3),

(b114)<-[:Write]-(a54),

(b115)<-[:Write]-(a35),

(b116)<-[:Write]-(a36),

(b117)<-[:Write]-(a34),

(b118)<-[:Write]-(a19),

(b119)<-[:Write]-(a39),

(b120)<-[:Write]-(a55),

(b121)<-[:Write]-(a51),

(b122)<-[:Write]-(a22),

(b123)<-[:Write]-(a25),

(b124)<-[:Write]-(a34),

(b125)<-[:Write]-(a48),

(b126)<-[:Write]-(a12),

(b127)<-[:Write]-(a5),

(b128)<-[:Write]-(a8),

(b129)<-[:Write]-(a48),

(b130)<-[:Write]-(a52),

(b131)<-[:Write]-(a53),

(b132)<-[:Write]-(a11),

(b133)<-[:Write]-(a49),

(b134)<-[:Write]-(a40),

(b135)<-[:Write]-(a2),

(b136)<-[:Write]-(a52),

(b137)<-[:Write]-(a49),

(b138)<-[:Write]-(a27),

(b139)<-[:Write]-(a29),

(b140)<-[:Write]-(a55),

(b141)<-[:Write]-(a38),

(b142)<-[:Write]-(a31),

(b143)<-[:Write]-(a31),

(b144)<-[:Write]-(a38),

(b145)<-[:Write]-(a45),

(b146)<-[:Write]-(a8),

(b147)<-[:Write]-(a18),

(b148)<-[:Write]-(a23),

(b149)<-[:Write]-(a11),

(b150)<-[:Write]-(a8),

(b151)<-[:Write]-(a17),

(b152)<-[:Write]-(a39),

(b153)<-[:Write]-(a38),

(b154)<-[:Write]-(a31),

(b155)<-[:Write]-(a28),

(b156)<-[:Write]-(a15),

(b157)<-[:Write]-(a42),

(b158)<-[:Write]-(a23),

(b159)<-[:Write]-(a39),

(b160)<-[:Write]-(a45),

(b161)<-[:Write]-(a17),

(b162)<-[:Write]-(a5),

(b163)<-[:Write]-(a18),

(b164)<-[:Write]-(a37),

(b165)<-[:Write]-(a30),

(b166)<-[:Write]-(a14),

(b167)<-[:Write]-(a47),

(b168)<-[:Write]-(a38),

(b169)<-[:Write]-(a29),

(b170)<-[:Write]-(a11),

(b171)<-[:Write]-(a7),

(b172)<-[:Write]-(a4),

(b173)<-[:Write]-(a53),

(b174)<-[:Write]-(a27),

(b175)<-[:Write]-(a50),

(b176)<-[:Write]-(a10),

(b177)<-[:Write]-(a14),

(b178)<-[:Write]-(a5),

(b179)<-[:Write]-(a4),

(b180)<-[:Write]-(a7),

(b181)<-[:Write]-(a44),

(b182)<-[:Write]-(a54),

(b183)<-[:Write]-(a43),

(b184)<-[:Write]-(a8),

(b185)<-[:Write]-(a19),

(b186)<-[:Write]-(a31),

(b187)<-[:Write]-(a26),

(b188)<-[:Write]-(a34),

(b189)<-[:Write]-(a34),

(b190)<-[:Write]-(a49),

(b191)<-[:Write]-(a42),

(b192)<-[:Write]-(a5),

(b193)<-[:Write]-(a35),

(b194)<-[:Write]-(a13),

(b195)<-[:Write]-(a30),

(b196)<-[:Write]-(a50),

(b197)<-[:Write]-(a17),

(b198)<-[:Write]-(a15),

(b199)<-[:Write]-(a25),

(b200)<-[:Write]-(a3),

(b201)<-[:Write]-(a28),

(b202)<-[:Write]-(a32),

(b203)<-[:Write]-(a45),

(b204)<-[:Write]-(a13),

(b205)<-[:Write]-(a55),

(b206)<-[:Write]-(a26),

(b207)<-[:Write]-(a8),

(b208)<-[:Write]-(a52),

(b209)<-[:Write]-(a29),

(b210)<-[:Write]-(a42),

(b211)<-[:Write]-(a41),

(b212)<-[:Write]-(a21),

(b213)<-[:Write]-(a44),

(b214)<-[:Write]-(a20),

(b215)<-[:Write]-(a0),

(b216)<-[:Write]-(a38),

(b217)<-[:Write]-(a21),

(b218)<-[:Write]-(a45),

(b219)<-[:Write]-(a3),

(b220)<-[:Write]-(a25),

(b221)<-[:Write]-(a52),

(b222)<-[:Write]-(a2),

(b223)<-[:Write]-(a53),

(b224)<-[:Write]-(a13),

(b225)<-[:Write]-(a50),

(b226)<-[:Write]-(a25),

(b227)<-[:Write]-(a35),

(b228)<-[:Write]-(a53),

(b229)<-[:Write]-(a28),

(b230)<-[:Write]-(a10),

(b231)<-[:Write]-(a0),

(b232)<-[:Write]-(a48),

(b233)<-[:Write]-(a49),

(b234)<-[:Write]-(a25),

(b235)<-[:Write]-(a53),

(b236)<-[:Write]-(a15),

(b237)<-[:Write]-(a32),

(b238)<-[:Write]-(a5),

(b239)<-[:Write]-(a42),

(b240)<-[:Write]-(a42),

(b241)<-[:Write]-(a54),

(b242)<-[:Write]-(a10),

(b243)<-[:Write]-(a9),

(b244)<-[:Write]-(a38),

(b245)<-[:Write]-(a9),

(b246)<-[:Write]-(a20),

(b247)<-[:Write]-(a32),

(b248)<-[:Write]-(a33),

(b249)<-[:Write]-(a26),

(b250)<-[:Write]-(a0),

(b251)<-[:Write]-(a46),

(b252)<-[:Write]-(a23),

(b253)<-[:Write]-(a6),

(b254)<-[:Write]-(a14),

(b255)<-[:Write]-(a6),

(b256)<-[:Write]-(a13),

(b257)<-[:Write]-(a9),

(b258)<-[:Write]-(a8),

(b259)<-[:Write]-(a47),

(b260)<-[:Write]-(a46),

(b261)<-[:Write]-(a32),

(b262)<-[:Write]-(a23),

(b263)<-[:Write]-(a56),

(b264)<-[:Write]-(a16),

(b265)<-[:Write]-(a38),

(b266)<-[:Write]-(a56),

(b267)<-[:Write]-(a24),

(b268)<-[:Write]-(a25),

(b269)<-[:Write]-(a6),

(b270)<-[:Write]-(a1),

(b271)<-[:Write]-(a48),

(b272)<-[:Write]-(a33),

(b273)<-[:Write]-(a11),

(b274)<-[:Write]-(a52),

(b275)<-[:Write]-(a56),

(b276)<-[:Write]-(a31),

(b277)<-[:Write]-(a21),

(b278)<-[:Write]-(a1),

(b279)<-[:Write]-(a3),

(b280)<-[:Write]-(a14),

(b281)<-[:Write]-(a11),

(b282)<-[:Write]-(a46),

(b283)<-[:Write]-(a41),

(b284)<-[:Write]-(a37),

(b285)<-[:Write]-(a6),

(b286)<-[:Write]-(a35),

(b287)<-[:Write]-(a47),

(b288)<-[:Write]-(a16),

(b289)<-[:Write]-(a0),

(b290)<-[:Write]-(a40),

(b291)<-[:Write]-(a24),

(b292)<-[:Write]-(a56),

(b293)<-[:Write]-(a26),

(b294)<-[:Write]-(a45),

(b295)<-[:Write]-(a4),

(b296)<-[:Write]-(a32),

(b297)<-[:Write]-(a31),

(b298)<-[:Write]-(a30),

(b299)<-[:Write]-(a28),

(b300)<-[:Write]-(a30),

(b301)<-[:Write]-(a20),

(b302)<-[:Write]-(a37),

(b303)<-[:Write]-(a37),

(b304)<-[:Write]-(a40),

(b305)<-[:Write]-(a6),

(b306)<-[:Write]-(a9),

(b307)<-[:Write]-(a13),

(b308)<-[:Write]-(a12),

(b309)<-[:Write]-(a9),

(b310)<-[:Write]-(a54),

(b311)<-[:Write]-(a11),

(b312)<-[:Write]-(a44),

(b313)<-[:Write]-(a7),

(b314)<-[:Write]-(a20),

(b315)<-[:Write]-(a9),

(b316)<-[:Write]-(a27),

(b317)<-[:Write]-(a13),

(b318)<-[:Write]-(a46),

(b319)<-[:Write]-(a46),

(b320)<-[:Write]-(a2),

(b321)<-[:Write]-(a5),

(b322)<-[:Write]-(a5),

(b323)<-[:Write]-(a6),

(b324)<-[:Write]-(a24),

(b325)<-[:Write]-(a29),

(b326)<-[:Write]-(a41),

(b327)<-[:Write]-(a27),

(b328)<-[:Write]-(a4),

(b329)<-[:Write]-(a22),

(b330)<-[:Write]-(a19),

(b331)<-[:Write]-(a20),

(b332)<-[:Write]-(a25),

(b333)<-[:Write]-(a26),

(b334)<-[:Write]-(a35),

(b335)<-[:Write]-(a31),

(b336)<-[:Write]-(a24),

(b337)<-[:Write]-(a26),

(b338)<-[:Write]-(a33),

(b339)<-[:Write]-(a33),

(b340)<-[:Write]-(a2),

(b341)<-[:Write]-(a48),

(b342)<-[:Write]-(a30),

(b343)<-[:Write]-(a56),

(b344)<-[:Write]-(a41),

(b345)<-[:Write]-(a40),

(b346)<-[:Write]-(a39),

(b347)<-[:Write]-(a17),

(b348)<-[:Write]-(a43),

(b349)<-[:Write]-(a5),

(b350)<-[:Write]-(a22),

(b351)<-[:Write]-(a56),

(b352)<-[:Write]-(a14),

(b353)<-[:Write]-(a4),

(b354)<-[:Write]-(a33),

(b355)<-[:Write]-(a53),

(b356)<-[:Write]-(a10),

(b357)<-[:Write]-(a33),

(b358)<-[:Write]-(a30),

(b359)<-[:Write]-(a55),

(b360)<-[:Write]-(a3),

(b361)<-[:Write]-(a3),

(b362)<-[:Write]-(a36),

(b363)<-[:Write]-(a6),

(b364)<-[:Write]-(a23),

(b365)<-[:Write]-(a26),

(b366)<-[:Write]-(a25),

(b367)<-[:Write]-(a35),

(b368)<-[:Write]-(a28),

(b369)<-[:Write]-(a43),

(b370)<-[:Write]-(a17),

(b371)<-[:Write]-(a8),

(b372)<-[:Write]-(a53),

(b373)<-[:Write]-(a44),

(b374)<-[:Write]-(a7),

(b375)<-[:Write]-(a33),

(b376)<-[:Write]-(a33),

(b377)<-[:Write]-(a31),

(b378)<-[:Write]-(a56),

(b379)<-[:Write]-(a8),

(b380)<-[:Write]-(a21),

(b381)<-[:Write]-(a12),

(b382)<-[:Write]-(a43),

(b383)<-[:Write]-(a23),

(b384)<-[:Write]-(a23),

(b385)<-[:Write]-(a39),

(b386)<-[:Write]-(a5),

(b387)<-[:Write]-(a38),

(b388)<-[:Write]-(a6),

(b389)<-[:Write]-(a56),

(b390)<-[:Write]-(a16),

(b391)<-[:Write]-(a23),

(b392)<-[:Write]-(a26),

(b393)<-[:Write]-(a14),

(b394)<-[:Write]-(a6),

(b395)<-[:Write]-(a22),

(b396)<-[:Write]-(a30),

(b397)<-[:Write]-(a44),

(b398)<-[:Write]-(a27),

(b399)<-[:Write]-(a9),

(b400)<-[:Write]-(a36),

(b401)<-[:Write]-(a20),

(b402)<-[:Write]-(a14),

(b403)<-[:Write]-(a26),

(b404)<-[:Write]-(a56),

(b405)<-[:Write]-(a18),

(b406)<-[:Write]-(a16),

(b407)<-[:Write]-(a49),

(b408)<-[:Write]-(a17),

(b409)<-[:Write]-(a34),

(b410)<-[:Write]-(a6),

(b411)<-[:Write]-(a5),

(b412)<-[:Write]-(a42),

(b413)<-[:Write]-(a30),

(b414)<-[:Write]-(a43),

(b415)<-[:Write]-(a40),

(b416)<-[:Write]-(a7),

(b417)<-[:Write]-(a0),

(b418)<-[:Write]-(a12),

(b419)<-[:Write]-(a56),

(b420)<-[:Write]-(a29),

(b421)<-[:Write]-(a55),

(b422)<-[:Write]-(a1),

(b423)<-[:Write]-(a26),

(b424)<-[:Write]-(a9),

(b425)<-[:Write]-(a0),

(b426)<-[:Write]-(a5),

(b427)<-[:Write]-(a44),

(b428)<-[:Write]-(a51),

(b429)<-[:Write]-(a48),

(b430)<-[:Write]-(a45),

(b431)<-[:Write]-(a30),

(b432)<-[:Write]-(a55),

(b433)<-[:Write]-(a23),

(b434)<-[:Write]-(a34),

(b435)<-[:Write]-(a27),

(b436)<-[:Write]-(a28),

(b437)<-[:Write]-(a3),

(b438)<-[:Write]-(a43),

(b439)<-[:Write]-(a13),

(b440)<-[:Write]-(a1),

(b441)<-[:Write]-(a46),

(b442)<-[:Write]-(a45),

(b443)<-[:Write]-(a46),

(b444)<-[:Write]-(a6),

(b445)<-[:Write]-(a27),

(b446)<-[:Write]-(a38),

(b447)<-[:Write]-(a22),

(b448)<-[:Write]-(a34),

(b449)<-[:Write]-(a9),

(b450)<-[:Write]-(a26),

(b451)<-[:Write]-(a15),

(b452)<-[:Write]-(a39),

(b453)<-[:Write]-(a13),

(b454)<-[:Write]-(a15),

(b455)<-[:Write]-(a46),

(b456)<-[:Write]-(a23),

(b457)<-[:Write]-(a23),

(b458)<-[:Write]-(a34),

(b459)<-[:Write]-(a5),

(b460)<-[:Write]-(a38),

(b461)<-[:Write]-(a0),

(b462)<-[:Write]-(a17),

(b463)<-[:Write]-(a19),

(b464)<-[:Write]-(a29),

(b465)<-[:Write]-(a7),

(b466)<-[:Write]-(a30),

(b467)<-[:Write]-(a37),

(b468)<-[:Write]-(a55),

(b469)<-[:Write]-(a17),

(b470)<-[:Write]-(a49),

(b471)<-[:Write]-(a53),

(b472)<-[:Write]-(a7),

(b473)<-[:Write]-(a48),

(b474)<-[:Write]-(a22),

(b475)<-[:Write]-(a24),

(b476)<-[:Write]-(a54),

(b477)<-[:Write]-(a38),

(b478)<-[:Write]-(a13),

(b479)<-[:Write]-(a33),

(b480)<-[:Write]-(a37),

(b481)<-[:Write]-(a18),

(b482)<-[:Write]-(a15),

(b483)<-[:Write]-(a51),

(b484)<-[:Write]-(a0),

(b485)<-[:Write]-(a24),

(b486)<-[:Write]-(a21),

(b487)<-[:Write]-(a37),

(b488)<-[:Write]-(a34),

(b489)<-[:Write]-(a11),

(b490)<-[:Write]-(a20),

(b491)<-[:Write]-(a40),

(b492)<-[:Write]-(a13),

(b493)<-[:Write]-(a18),

(b494)<-[:Write]-(a30),

(b495)<-[:Write]-(a6),

(b496)<-[:Write]-(a54),

(b497)<-[:Write]-(a56),

(b498)<-[:Write]-(a33),

(b499)<-[:Write]-(a13)

RETURN u0,u1,u2,u3,u4,u5,u6,u7,u8,u9,u10,u11,u12,u13,u14,u15,u16,u17,u18,u19,u20,u21,u22,u23,u24,u25,u26,u27,u28,u29,b0,b1,b2,b3,b4,b5,b6,b7,b8,b9,b10,b11,b12,b13,b14,b15,b16,b17,b18,b19,b20,b21,b22,b23,b24,b25,b26,b27,b28,b29,b30,b31,b32,b33,b34,b35,b36,b37,b38,b39,b40,b41,b42,b43,b44,b45,b46,b47,b48,b49,b50,b51,b52,b53,b54,b55,b56,b57,b58,b59,b60,b61,b62,b63,b64,b65,b66,b67,b68,b69,b70,b71,b72,b73,b74,b75,b76,b77,b78,b79,b80,b81,b82,b83,b84,b85,b86,b87,b88,b89,b90,b91,b92,b93,b94,b95,b96,b97,b98,b99,b100,b101,b102,b103,b104,b105,b106,b107,b108,b109,b110,b111,b112,b113,b114,b115,b116,b117,b118,b119,b120,b121,b122,b123,b124,b125,b126,b127,b128,b129,b130,b131,b132,b133,b134,b135,b136,b137,b138,b139,b140,b141,b142,b143,b144,b145,b146,b147,b148,b149,b150,b151,b152,b153,b154,b155,b156,b157,b158,b159,b160,b161,b162,b163,b164,b165,b166,b167,b168,b169,b170,b171,b172,b173,b174,b175,b176,b177,b178,b179,b180,b181,b182,b183,b184,b185,b186,b187,b188,b189,b190,b191,b192,b193,b194,b195,b196,b197,b198,b199,b200,b201,b202,b203,b204,b205,b206,b207,b208,b209,b210,b211,b212,b213,b214,b215,b216,b217,b218,b219,b220,b221,b222,b223,b224,b225,b226,b227,b228,b229,b230,b231,b232,b233,b234,b235,b236,b237,b238,b239,b240,b241,b242,b243,b244,b245,b246,b247,b248,b249,b250,b251,b252,b253,b254,b255,b256,b257,b258,b259,b260,b261,b262,b263,b264,b265,b266,b267,b268,b269,b270,b271,b272,b273,b274,b275,b276,b277,b278,b279,b280,b281,b282,b283,b284,b285,b286,b287,b288,b289,b290,b291,b292,b293,b294,b295,b296,b297,b298,b299,b300,b301,b302,b303,b304,b305,b306,b307,b308,b309,b310,b311,b312,b313,b314,b315,b316,b317,b318,b319,b320,b321,b322,b323,b324,b325,b326,b327,b328,b329,b330,b331,b332,b333,b334,b335,b336,b337,b338,b339,b340,b341,b342,b343,b344,b345,b346,b347,b348,b349,b350,b351,b352,b353,b354,b355,b356,b357,b358,b359,b360,b361,b362,b363,b364,b365,b366,b367,b368,b369,b370,b371,b372,b373,b374,b375,b376,b377,b378,b379,b380,b381,b382,b383,b384,b385,b386,b387,b388,b389,b390,b391,b392,b393,b394,b395,b396,b397,b398,b399,b400,b401,b402,b403,b404,b405,b406,b407,b408,b409,b410,b411,b412,b413,b414,b415,b416,b417,b418,b419,b420,b421,b422,b423,b424,b425,b426,b427,b428,b429,b430,b431,b432,b433,b434,b435,b436,b437,b438,b439,b440,b441,b442,b443,b444,b445,b446,b447,b448,b449,b450,b451,b452,b453,b454,b455,b456,b457,b458,b459,b460,b461,b462,b463,b464,b465,b466,b467,b468,b469,b470,b471,b472,b473,b474,b475,b476,b477,b478,b479,b480,b481,b482,b483,b484,b485,b486,b487,b488,b489,b490,b491,b492,b493,b494,b495,b496,b497,b498,b499,a0,a1,a2,a3,a4,a5,a6,a7,a8,a9,a10,a11,a12,a13,a14,a15,a16,a17,a18,a19,a20,a21,a22,a23,a24,a25,a26,a27,a28,a29,a30,a31,a32,a33,a34,a35,a36,a37,a38,a39,a40,a41,a42,a43,a44,a45,a46,a47,a48,a49,a50,a51,a52,a53,a54,a55,a56