2.6. MATCH (n:Ticket) WHERE ((n)-[:ASSIGN]->()-[:ORIGIN]->(:Airport{name:'LAX'}) AND (n)-[:ASSIGN]->()-[:DESTINATION]->(:Airport{name:'TUS'})) Return DISTINCT n.price

2.7 Find how many direct flights there are between two airports for a first class.

MATCH (n:Ticket) WHERE (n.class = 'firstClass') RETURN DISTINCT COUNT((n)-[:ASSIGN]->())

2.8

MATCH((a)-[:ORIGIN]->(b)) RETURN b.name, a.airline, count(a.airline)

EXERCISE 2

2.4 MATCH (:writer{name: 'Maria Dueñas'})-[: AUTHOR\_RECOMMENDED\_BY]->(n:person)

RETURN n

2.5 MATCH((a)-[:IS\_FRIEND\_OF]->(b)) RETURN b.name, count(a.name)

2.6

MATCH (a:novel)-[b:NOVEL\_RECOMMENDED\_BY]->() WITH a, count (b) as c WHERE c>2 RETURN a.title as Title

2.7 find the countrys that read each novel and count them

MATCH((n)-[:NOVEL\_READ\_BY]->(p)) RETURN n.title,p.country,count(p.country)

2.8 parentssss

CREATE (MartaNode: person {name: 'Marta', nick: 'Martita', country: 'Spain'})

CREATE (AnnunziataNode: person {name: 'Annunziata', nick: 'Tatis', country: 'Spain'})

CREATE (EduardoNode: person {name: 'Eduardo', nick: 'Edu', country: 'Spain'})

CREATE (MarcosNode: person {name: 'Marcos', nick: 'Marc', country: 'England'})

CREATE (GraciaNode: person {name: 'Gracia', nick: 'Gra', country: 'Spain'})

CREATE (JacoboNode: person {name: 'Jacobo', nick: 'Jaco', country: 'Spain'})

CREATE (MartsNode: person {name: 'Marta', nick: 'Marts', country: 'Spain'})

CREATE (BeltranNode: person {name: 'Beltran', nick: 'Belval', country: 'Spain'})

CREATE (PabloNode: person {name: 'Pablo', nick: 'Pabli', country: 'Spain'})

CREATE (InesNode: person {name: 'Ines', nick: 'Nesi', country: 'England'})

CREATE (CeliaNode: person {name: 'Celia', nick: 'Celi', country: 'Mexico'})

CREATE (JimenaNode: person {name: 'Jimena', nick: 'Jime', country: 'Mexico'})

CREATE (EvaNode: person {name: 'Eva', nick: 'Evi', country: 'Spain'})

CREATE (SofiaNode: person {name: 'Sofia', nick: 'Sofi', country: 'England'})

CREATE (YagoNode: person {name: 'Yago', nick: 'Yg', country: 'Spain'})

CREATE (JesusNode: person {name: 'Jesus', nick: 'J', country: 'England'})

CREATE (AnnunNode: person {name: 'Annunziata', nick: 'Annun', country: 'Mexico'})

CREATE (JavierNode: person {name: 'Javier', nick: 'Javi', country: 'Mexico'})

CREATE (AdolfoNode: person {name: 'Adolfo', nick: 'Ado', country: 'England'})

CREATE (MTeresaNode: person {name: 'MTeresa', nick: 'Mayte', country: 'England'})

CREATE (JorgeNode: person {name: 'Jorge', nick: 'George', country: 'Mexico'})

CREATE (novel1: novel {title: 'Edenbrooke', date: '2012', genre: 'romance'})

CREATE (novel2: novel {title: 'Blackmoore', date: '2013', genre: 'romance'})

CREATE (novel3: novel {title: 'Divergent', date: '2015', genre: 'adventure'})

CREATE (novel4: novel {title: 'Insurgent', date: '2016', genre: 'adventure'})

CREATE (novel5: novel {title: '5 horas con Mario', date: '1966', genre: 'narrative'})

CREATE (novel6: novel {title: 'El camino', date: '1950', genre: 'narrative'})

CREATE (novel7: novel {title: 'Allegiant', date: '2017', genre: 'adventure'})

CREATE (novel8: novel {title: 'El tiempo entre costuras', date:'2009', genre: 'romance'})

CREATE (novel9: novel {title: 'La templanza', date: '2015', genre: 'fiction'})

CREATE (novel10: novel {title: 'Misión Olvido', date:'2012', genre: 'fiction'})

CREATE (novel11: novel {title: 'Sira', date: '2021', genre: 'historic'})

CREATE (novel12: novel {title: 'Come, sweet home', date: '2021', genre: 'adventure'})

CREATE (novel13: novel {title: 'Cartas de amor', date: '1983', genre: 'romance'})

CREATE (novel14: novel {title: 'Las ratas', date: '1962', genre: 'historic'})

CREATE (authorMD: writer {name: 'Maria Dueñas', age: '57'})

CREATE (authorVR: writer {name: 'Veronica Roth', age: '33'})

CREATE (authorMDe: writer {name: 'Miguel Delibes', age: '100'})

CREATE (authorJD: writer {name: 'Julianne Donaldson', age: '73'})

CREATE (MartaNode)-[:IS\_FRIEND\_OF {since\_year:[2019]}]->(AnnunziataNode), (AnnunziataNode)-[:IS\_FRIEND\_OF {since\_year:[2019]}]->(MartaNode)

CREATE (MartaNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(EvaNode), (EvaNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(MartaNode)

CREATE (MartaNode)-[:IS\_FRIEND\_OF {since\_year:[2019]}]->(EduardoNode), (EduardoNode)-[:IS\_FRIEND\_OF {since\_year:[2019]}]->(MartaNode)

CREATE (MartaNode)-[:IS\_FRIEND\_OF {since\_year:[2019]}]->(MarcosNode), (MarcosNode)-[:IS\_FRIEND\_OF {since\_year:[2019]}]->(MartaNode)

CREATE (MartaNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(JacoboNode), (JacoboNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(MartaNode)

CREATE (MartaNode)-[:IS\_FRIEND\_OF {since\_year:[2019]}]->(GraciaNode), (GraciaNode)-[:IS\_FRIEND\_OF {since\_year:[2019]}]->(MartaNode)

CREATE (MartsNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(GraciaNode), (GraciaNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(MartsNode)

CREATE (MartsNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(JorgeNode), (JorgeNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(MartsNode)

CREATE (MartsNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(BeltranNode), (BeltranNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(MartsNode)

CREATE (MartsNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(PabloNode), (PabloNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(MartsNode)

CREATE (EduardoNode)-[:IS\_FRIEND\_OF {since\_year:[2010]}]->(MarcosNode), (MarcosNode)-[:IS\_FRIEND\_OF {since\_year:[2010]}]->(EduardoNode)

CREATE (MarcosNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(AnnunziataNode), (AnnunziataNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(MarcosNode)

CREATE (JacoboNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(PabloNode) ,(PabloNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(JacoboNode)

CREATE (JacoboNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(AnnunziataNode), (AnnunziataNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(JacoboNode)

CREATE (JacoboNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(JavierNode), (JavierNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(JacoboNode)

CREATE (JacoboNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(MarcosNode) ,(MarcosNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(JacoboNode)

CREATE (AnnunziataNode)-[:IS\_FRIEND\_OF {since\_year:[2015]}]->(YagoNode), (YagoNode)-[:IS\_FRIEND\_OF {since\_year:[2015]}]->(AnnunziataNode)

CREATE (AnnunziataNode)-[:IS\_FRIEND\_OF {since\_year:[2015]}]->(JimenaNode), (JimenaNode)-[:IS\_FRIEND\_OF {since\_year:[2015]}]->(AnnunziataNode)

CREATE (AnnunziataNode)-[:IS\_FRIEND\_OF {since\_year:[2015]}]->(PabloNode),(PabloNode)-[:IS\_FRIEND\_OF {since\_year:[2015]}]->(AnnunziataNode)

CREATE (BeltranNode)-[:IS\_FRIEND\_OF {since\_year:[2020]}]->(JavierNode), (JavierNode)-[:IS\_FRIEND\_OF {since\_year:[2020]}]->(BeltranNode)

CREATE (BeltranNode)-[:IS\_FRIEND\_OF {since\_year:[2020]}]->(AnnunziataNode) ,(JavierNode)-[:IS\_FRIEND\_OF {since\_year:[2020]}]->(BeltranNode)

CREATE (BeltranNode)-[:IS\_FRIEND\_OF {since\_year:[2010]}]->(MarcosNode), (MarcosNode)-[:IS\_FRIEND\_OF {since\_year:[2010]}]->(BeltranNode)

CREATE (BeltranNode)-[:IS\_FRIEND\_OF {since\_year:[2010]}]->(MartaNode) ,(MarcosNode)-[:IS\_FRIEND\_OF {since\_year:[2010]}]->(BeltranNode)

CREATE (InesNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(EvaNode), (EvaNode)-[:IS\_FRIEND\_OF {since\_year:[2007]}]->(InesNode)

CREATE (InesNode)-[:IS\_FRIEND\_OF {since\_year:[2020]}]->(JavierNode), (JavierNode)-[:IS\_FRIEND\_OF {since\_year:[2020]}]->(InesNode)

CREATE (CeliaNode)-[:IS\_FRIEND\_OF {since\_year:[2012]}]->(JimenaNode) ,(JimenaNode)-[:IS\_FRIEND\_OF {since\_year:[2012]}]->(CeliaNode)

CREATE (CeliaNode)-[:IS\_FRIEND\_OF {since\_year:[2012]}]->(AnnunziataNode), (AnnunziataNode)-[:IS\_FRIEND\_OF {since\_year:[2012]}]->(CeliaNode)

CREATE (CeliaNode)-[:IS\_FRIEND\_OF {since\_year:[2012]}]->(SofiaNode), (SofiaNode)-[:IS\_FRIEND\_OF {since\_year:[2012]}]->(CeliaNode)

CREATE (SofiaNode)-[:IS\_FRIEND\_OF {since\_year:[2015]}]->(AnnunziataNode), (AnnunziataNode)-[:IS\_FRIEND\_OF {since\_year:[2015]}]->(SofiaNode)

CREATE (SofiaNode)-[:IS\_FRIEND\_OF {since\_year:[2015]}]->(YagoNode), (YagoNode)-[:IS\_FRIEND\_OF {since\_year:[2015]}]->(SofiaNode)

CREATE (JesusNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(AdolfoNode), (AdolfoNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(JesusNode)

CREATE (JesusNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(PabloNode), (PabloNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(JesusNode)

CREATE (JesusNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(AnnunNode) ,(AnnunNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(JesusNode)

CREATE (JesusNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(MTeresaNode), (MTeresaNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(JesusNode)

CREATE (MTeresaNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(PabloNode), (PabloNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(MTeresaNode)

CREATE (MTeresaNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(AnnunNode) ,(AnnunNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(MTeresaNode)

CREATE (MTeresaNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(AdolfoNode), (AdolfoNode)-[:IS\_FRIEND\_OF {since\_year:[2005]}]->(MTeresaNode)

CREATE (PabloNode)-[:IS\_FRIEND\_OF {since\_year:[2010]}]->(MarcosNode) ,(MarcosNode)-[:IS\_FRIEND\_OF {since\_year:[2010]}]->(PabloNode)

CREATE (novel1)-[:NOVEL\_READ\_BY{days:[20]}]->(AnnunziataNode)

CREATE (novel1)-[:NOVEL\_READ\_BY{days:[30]}]->(SofiaNode)

CREATE (novel1)-[:NOVEL\_READ\_BY{days:[20]}]->(JimenaNode)

CREATE (novel2)-[:NOVEL\_READ\_BY{days:[30]}]->(AnnunziataNode)

CREATE (novel3)-[:NOVEL\_READ\_BY{days:[10]}]->(MartaNode)

CREATE (novel3)-[:NOVEL\_READ\_BY{days:[20]}]->(MartsNode)

CREATE (novel4)-[:NOVEL\_READ\_BY{days:[40]}]->(BeltranNode)

CREATE (novel6)-[:NOVEL\_READ\_BY{days:[20]}]->(JesusNode)

CREATE (novel7)-[:NOVEL\_READ\_BY{days:[35]}]->(InesNode)

CREATE (novel8)-[:NOVEL\_READ\_BY{days:[20]}]->(JacoboNode)

CREATE (novel8)-[:NOVEL\_READ\_BY{days:[40]}]->(PabloNode)

CREATE (novel8)-[:NOVEL\_READ\_BY{days:[20]}]->(MarcosNode)

CREATE (novel9)-[:NOVEL\_READ\_BY{days:[35]}]->(EduardoNode)

CREATE (novel10)-[:NOVEL\_READ\_BY{days:[20]}]->(MTeresaNode)

CREATE (novel11)-[:NOVEL\_READ\_BY{days:[30]}]->(AnnunziataNode)

CREATE (novel11)-[:NOVEL\_READ\_BY{days:[40]}]->(AnnunziataNode)

CREATE (novel13)-[:NOVEL\_READ\_BY{days:[20]}]->(MartaNode)

CREATE (novel14)-[:NOVEL\_READ\_BY{days:[10]}]->(BeltranNode)

CREATE (novel1)-[: NOVEL\_WRITTEN\_BY{method:['computer']}]->(authorJD)

CREATE (novel2)-[: NOVEL\_WRITTEN\_BY{method:['computer']}]->(authorJD)

CREATE (novel3)-[: NOVEL\_WRITTEN\_BY{method:['paper']}]->(authorVR)

CREATE (novel4)-[: NOVEL\_WRITTEN\_BY{method:['computer']}]->(authorVR)

CREATE (novel5)-[: NOVEL\_WRITTEN\_BY{method:['paper']}]->(authorMDe)

CREATE (novel6)-[: NOVEL\_WRITTEN\_BY{method:['paper']}]->(authorMDe)

CREATE (novel7)-[: NOVEL\_WRITTEN\_BY{method:['computer']}]->(authorVR)

CREATE (novel8)-[: NOVEL\_WRITTEN\_BY{method:['paper']}]->(authorMD)

CREATE (novel9)-[: NOVEL\_WRITTEN\_BY{method:['paper']}]->(authorMD)

CREATE (novel10)-[: NOVEL\_WRITTEN\_BY{method:['computer']}]->(authorMD)

CREATE (novel11)-[: NOVEL\_WRITTEN\_BY{method:['paper']}]->(authorMD)

CREATE (novel12)-[: NOVEL\_WRITTEN\_BY{method:['paper']}]->(authorJD)

CREATE (novel13)-[: NOVEL\_WRITTEN\_BY{method:['computer']}]->(authorMDe)

CREATE (novel14)-[: NOVEL\_WRITTEN\_BY{method:['paper']}]->(authorMDe)

CREATE (novel1)-[: NOVEL\_RECOMMENDED\_BY{stars:[2]}]->(AnnunziataNode)

CREATE (novel1)-[: NOVEL\_RECOMMENDED\_BY{stars:[1]}]->(SofiaNode)

CREATE (novel2)-[: NOVEL\_RECOMMENDED\_BY{stars:[2]}]->(JacoboNode)

CREATE (novel2)-[: NOVEL\_RECOMMENDED\_BY{stars:[3]}]->(PabloNode)

CREATE (novel3)-[: NOVEL\_RECOMMENDED\_BY{stars:[4]}]->(BeltranNode)

CREATE (novel4)-[: NOVEL\_RECOMMENDED\_BY{stars:[5]}]->(AnnunziataNode)

CREATE (novel4)-[: NOVEL\_RECOMMENDED\_BY{stars:[4]}]->(CeliaNode)

CREATE (novel4)-[: NOVEL\_RECOMMENDED\_BY{stars:[3]}]->(AdolfoNode)

CREATE (novel5)-[: NOVEL\_RECOMMENDED\_BY{stars:[2]}]->(AnnunNode)

CREATE (novel6)-[: NOVEL\_RECOMMENDED\_BY{stars:[1]}]->(PabloNode)

CREATE (novel6)-[: NOVEL\_RECOMMENDED\_BY{stars:[2]}]->(JesusNode)

CREATE (novel7)-[: NOVEL\_RECOMMENDED\_BY{stars:[3]}]->(MarcosNode)

CREATE (novel8)-[: NOVEL\_RECOMMENDED\_BY{stars:[4]}]->(EduardoNode)

CREATE (novel9)-[: NOVEL\_RECOMMENDED\_BY{stars:[5]}]->(AnnunziataNode)

CREATE (novel9)-[: NOVEL\_RECOMMENDED\_BY{stars:[4]}]->(AdolfoNode)

CREATE (novel9)-[: NOVEL\_RECOMMENDED\_BY{stars:[3]}]->(JacoboNode)

CREATE (novel9)-[: NOVEL\_RECOMMENDED\_BY{stars:[2]}]->(MartaNode)

CREATE (novel10)-[: NOVEL\_RECOMMENDED\_BY{stars:[1]}]->(SofiaNode)

CREATE (novel10)-[: NOVEL\_RECOMMENDED\_BY{stars:[2]}]->(JesusNode)

CREATE (novel11)-[: NOVEL\_RECOMMENDED\_BY{stars:[3]}]->(GraciaNode)

CREATE (novel12)-[: NOVEL\_RECOMMENDED\_BY{stars:[4]}]->(EduardoNode)

CREATE (novel12)-[: NOVEL\_RECOMMENDED\_BY{stars:[5]}]->(JimenaNode)

CREATE (novel13)-[: NOVEL\_RECOMMENDED\_BY{stars:[4]}]->(CeliaNode)

CREATE (novel14)-[: NOVEL\_RECOMMENDED\_BY{stars:[3]}]->(CeliaNode)

CREATE (novel14)-[: NOVEL\_RECOMMENDED\_BY{stars:[2]}]->(MTeresaNode)

CREATE (novel14)-[: NOVEL\_RECOMMENDED\_BY{stars:[1]}]->(MartaNode)

CREATE (novel5)-[: NOVEL\_RECOMMENDED\_BY{stars:[2]}]->(EvaNode)

CREATE (novel6)-[: NOVEL\_RECOMMENDED\_BY{stars:[3]}]->(JesusNode)

CREATE (novel6)-[: NOVEL\_RECOMMENDED\_BY{stars:[4]}]->(AnnunziataNode)

CREATE (novel7)-[: NOVEL\_RECOMMENDED\_BY{stars:[5]}]->(EvaNode)

CREATE (authorMD)-[: AUTHOR\_RECOMMENDED\_BY{how\_much:['very much']}]->(AnnunziataNode)

CREATE (authorMD)-[: AUTHOR\_RECOMMENDED\_BY{how\_much:['not much']}]->(EvaNode)

CREATE (authorMD)-[: AUTHOR\_RECOMMENDED\_BY{how\_much:['it is fine']}]->(EduardoNode)

CREATE (authorJD)-[: AUTHOR\_RECOMMENDED\_BY{how\_much:['very much']}]->(GraciaNode)

CREATE (authorJD)-[: AUTHOR\_RECOMMENDED\_BY{how\_much:['not much']}]->(SofiaNode)

CREATE (authorJD)-[: AUTHOR\_RECOMMENDED\_BY{how\_much:['it is fine']}]->(BeltranNode)

CREATE (authorVR)-[: AUTHOR\_RECOMMENDED\_BY{how\_much:['very much']}]->(JacoboNode)

CREATE (authorVR)-[: AUTHOR\_RECOMMENDED\_BY{how\_much:['not much']}]->(AnnunNode)

CREATE (authorVR)-[: AUTHOR\_RECOMMENDED\_BY{how\_much:['it is fine']}]->(EduardoNode)

CREATE (authorMDe)-[: AUTHOR\_RECOMMENDED\_BY{how\_much:['very much']}]->(MTeresaNode)

CREATE (authorMDe)-[: AUTHOR\_RECOMMENDED\_BY{how\_much:['it is fine']}]->(PabloNode)

CREATE (authorMDe)-[: AUTHOR\_RECOMMENDED\_BY{how\_much:['not much']}]->(JesusNode)

CREATE (AnnunNode)-[: PARENT\_OF{type:['very much']}]->(AnnunziataNode)

CREATE (JesusNode)-[: PARENT\_OF{type:['not much']}]->(AnnunziataNode)

CREATE (MTeresaNode)-[: PARENT\_OF{type:['it is fine']}]->(MartaNode)

CREATE (AdolfoNode)-[: PARENT\_OF{type:['very much']}]->(MartaNode)

CREATE (AnnunNode)-[: PARENT\_OF{type:['not much']}]->(JimenaNode)

CREATE (JesusNode)-[: PARENT\_OF{type:['it is fine']}]->(JimenaNode)

CREATE (MTeresaNode)-[: PARENT\_OF{type:['very much']}]->(BeltranNode)

CREATE (AdolfoNode)-[: PARENT\_OF{type:['not much']}]->(BeltranNode)

CREATE (GraciaNode)-[: PARENT\_OF{type:['it is fine']}]->(EduardoNode)

CREATE (MartsNode)-[: PARENT\_OF{type:['very much']}]->(JacoboNode)

CREATE (MartsNode)-[: PARENT\_OF{type:['it is fine']}]->(PabloNode)

CREATE (JorgeNode)-[: PARENT\_OF{type:['not much']}]->(PabloNode)

CREATE (JorgeNode)-[: PARENT\_OF{typ:['not much']}]->(JacoboNode)

CREATE (novel2)-[: SUCCESOR\_OF{time\_between:[1]}]->(novel1)

CREATE (novel12)-[: SUCCESOR\_OF{time\_between:[7]}]->(novel2)

CREATE (novel4)-[: SUCCESOR\_OF{time\_between:[1]}]->(novel3)

CREATE (novel7)-[: SUCCESOR\_OF{time\_between:[1]}]->(novel4)

CREATE (novel11)-[: SUCCESOR\_OF{time\_between:[12]}]->(novel8)