Çisem Helvacı 11.05.2025

Hafta 4 - Ödev

**Ödev 3**

**CYPHER KODLARI (LOAD CSV)**

**Author node'ları:**

LOAD CSV WITH HEADERS FROM 'file:///authors.csv' AS row

CREATE (:Author {name: row.name, birthYear: toInteger(row.birthYear), nationality: row.nationality});

**Book node'ları:**

LOAD CSV WITH HEADERS FROM 'file:///books.csv' AS row

CREATE (:Book {title: row.title, publishYear: toInteger(row.publishYear), genre: row.genre});

**Genre node'ları:**

LOAD CSV WITH HEADERS FROM 'file:///genres.csv' AS row

CREATE (:Genre {name: row.name});

**Country node'ları:**

LOAD CSV WITH HEADERS FROM 'file:///countries.csv' AS row

CREATE (:Country {name: row.name});

**WROTE ilişkisi:**

LOAD CSV WITH HEADERS FROM 'file:///wrote.csv' AS row

MATCH (a:Author {name: row.author}), (b:Book {title: row.book})

CREATE (a)-[:WROTE {year: toInteger(row.year)}]->(b);

**BELONGS\_TO ilişkisi:**

LOAD CSV WITH HEADERS FROM 'file:///belongs\_to.csv' AS row

MATCH (b:Book {title: row.book}), (g:Genre {name: row.genre})

CREATE (b)-[:BELONGS\_TO {assignedDate: date(row.assignedDate)}]->(g);

**FROM ilişkisi:**

LOAD CSV WITH HEADERS FROM 'file:///from.csv' AS row

MATCH (a:Author {name: row.author}), (c:Country {name: row.country})

CREATE (a)-[:FROM {since: toInteger(row.since)}]->(c);