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Exercício 4

Qual a idade de *Tom Hanks*? **Dica**: `ano atual = (1970+timestamp()/(365*86400000))`

```
1 match(p:Person)
2 where p.name=~"Tom Hanks"
3 return p.name,(1970+timestamp()/(365*86400000))-p.born
```

Table

"p.name"	"(1970+timestamp()/(365*86400000))-p.born"
"Tom Hanks"	65

Exercício 7

Quais filmes o *Tom Hanks* atuou e dirigiu?

```
1 match(m:Movie)
2 where(m)←[:ACTED_IN]-(:Person{name:"Tom Hanks"})and(m)←
  [:DIRECTED]-(:Person{name:"Tom Hanks"})
3 return m
```

Graph

Table

"m"
{"tagline":"In every life there comes a time when that thing you dream be comes that thing you do","title":"That Thing You Do","released":1996}

Exercício 10

Em quantos filmes *Tom Hanks* atuou?

```
1 match(m:Movie)
2 where(m)←[:ACTED_IN]-(:Person{name:"Tom Hanks"})
3 return count (m.title)
```

Table

"count (m.title)"
12

Exercício 13

Acrescente o ator "*Mel Gibson"* com ano de nascimento 1956. **Obs.**: faça junto com o 14.

```
neo4j$ create (name:Person {name:'Mel Gibson', born:1956})
```

Table

Added 1 label, created 1 node, set 2 properties, completed after 2 ms.

Exercício 14

Acrescente o filme "*What Women Want*" lançado no ano 2000, e os relacionamentos dos atores *Mel Gibson* e *Helen Hunt* que atuaram nesse filme como *Nick Marshall* e *Darcy McGuire*, respectivamente. **Obs**.: *Helen Hunt* já existe no grafo! Use **`merge`**.

```
neo4j$ create (name:Movie {title:'What Women Want',released:'2000'})
```

Added 1 label, created 1 node, set 2 properties, completed after 2 ms.

```
MATCH (movie:Movie {title:'What Women Want'})
MERGE (person: Person{name:"Mel Gibson"})-[:ACTED_IN{roles: "Nick Marshall"}]→(movie)
```

```
MATCH (movie:Movie {title:'What Women Want'})
MERGE (person: Person{name:"Helen Hunt"})-[:ACTED_IN{roles: "Darcy McGuire"}]→(movie)
```

Added 1 label, created 1 node, set 2 properties, created 1 relationship, completed after 8 ms.

```
1 match(m:Movie)
2 where(m)←[:ACTED_IN]-(:Person{name:"Mel Gibson"})and(m)←[:ACTED_IN]-(:Person{name:"Helen Hunt"})
3 return m
```

Graph

"m"
{"title":"What Women Want","released":"2000"}

Exercício 19

Encontre quantos filmes dos anos 90 têm no BD.

```
1 match(m:Movie)
2 where(m.released)<1999and(m.released)>1990
3 return count(m)
```

Table

"count(m)"
15