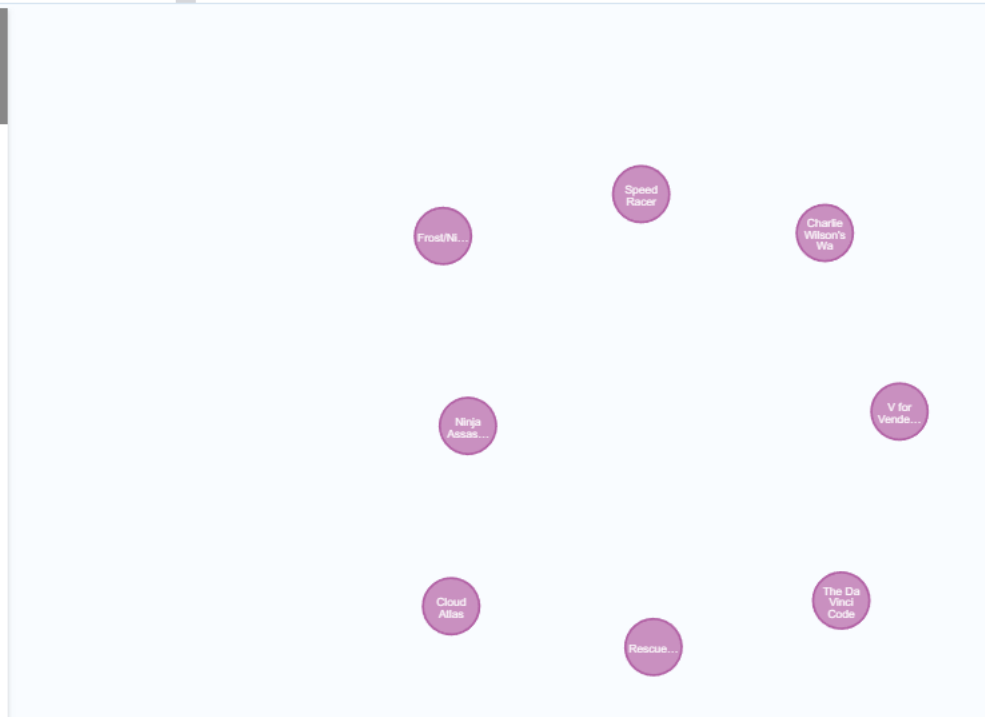


Practical-7

Write a query to retrieve all the movies released after the year 2005.

```
MATCH (m:Movie)
WHERE m.released > 2005
RETURN m
```



Write a query to return the count of movies released after the year 2005.

(Hint: you can use the COUNT(m) function to return the count)

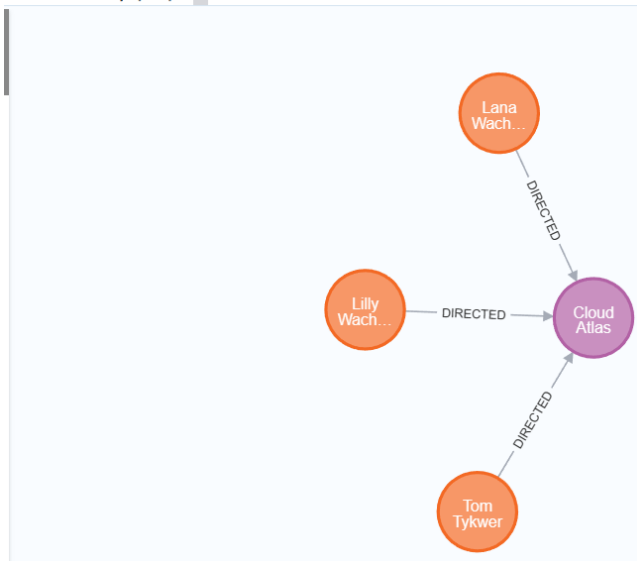
```
MATCH (m:Movie)
WHERE m.released > 2005
RETURN count(m)
```

	count(m)
1	8

Practical-7

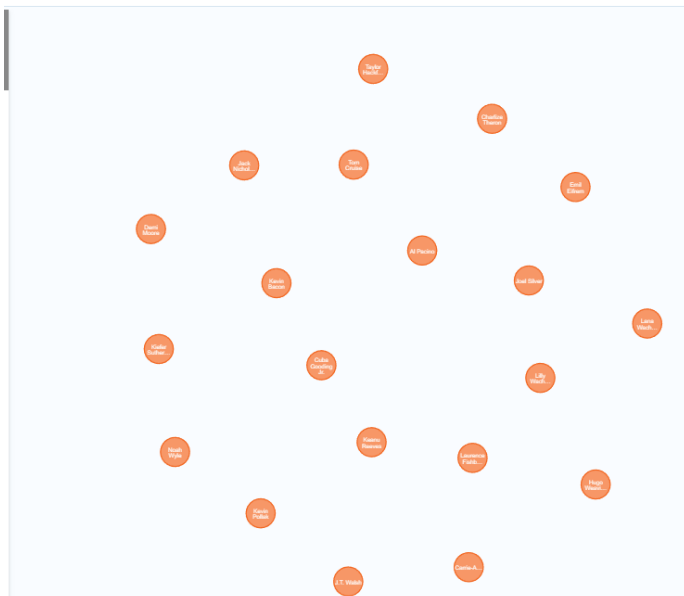
Query to get all the people who acted in a movie that was released after 2010.

```
MATCH (p:Person)-[d:DIRECTED]-(m:Movie)
WHERE m.released > 2010
RETURN p,d,m
```



will return only Person Nodes (limiting to 20 items) while

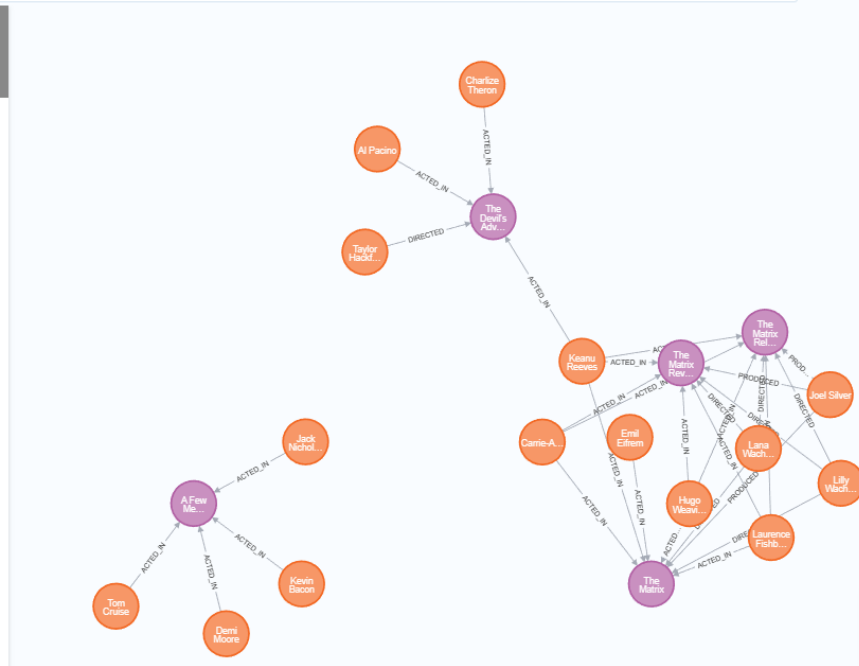
```
MATCH (p:Person)
RETURN p
LIMIT 20
```



Practical-7

will return all kinds of nodes (limiting to 20 items).

```
MATCH (n)
RETURN n
LIMIT 20
```



Write a query to get name and born properties of the Person node.


Practical-7

```
MATCH (p:Person)
RETURN p.name, p.born
```

	p.name	p.born
1	"Keanu Reeves"	1964
2	"Carrie-Anne Moss"	1967
3	"Laurence Fishburne"	1961
4	"Hugo Weaving"	1960
5	"Lilly Wachowski"	1967
6	"Lana Wachowski"	1965

Create a new Person node with a property name having the value of your name.

```
CREATE (p:Person {name: 'AMIT.G'})
RETURN p
```



Find the movie with title "Cloud Atlas"

Practical-7

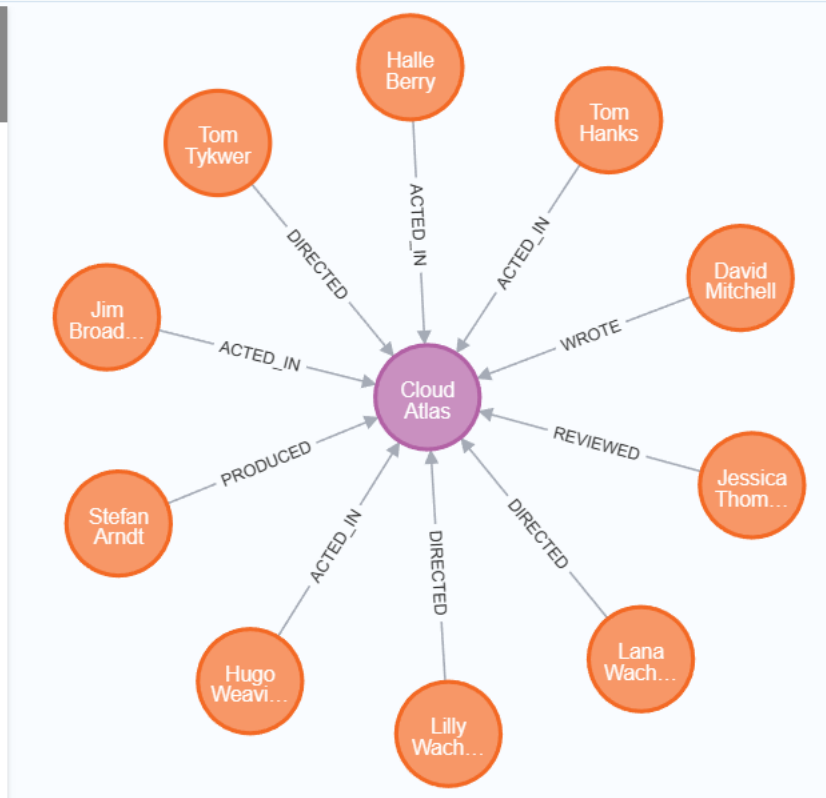
```
MATCH (m:Movie {title: "Cloud Atlas"})  
RETURN m
```



Get all the movies that were released between 2010 and 2015.

Practical-7

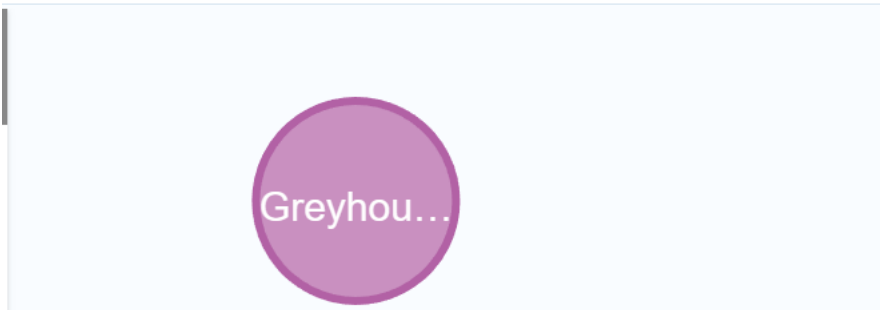
```
MATCH (m:Movie)
WHERE m.released > 2010 AND m.released <
2015
RETURN m
```



Write a query using Merge to create a movie node with title "Greyhound". If the node does not exist then set its released property to 2020 and lastUpdatedAt property to the current time stamp. If the node already exists, then only set lastUpdatedAt to the current time stamp. Return the movie node.

Practical-7

```
MERGE (m:Movie {title: 'Greyhound'})
ON CREATE SET m.released = "2020",
m.lastUpdatedAt = timestamp()
ON MATCH SET m.lastUpdatedAt = timestamp()
RETURN m
```



Create a relationship :WATCHED between the node you created for yourself previously in step 6 and the movie Cloud Atlas and then return the type of created relationship

```
MATCH (p:Person), (m:Movie)
WHERE p.name = "<Your Name>" AND m.title =
"Cloud Atlas"
CREATE (p)-[w:WATCHED]→(m)
RETURN type(w)
```

	type(w)
1	"WATCHED"

Write a query to find the nodes Person and Movie which are connected by REVIEWED relationship and is outgoing from the Person node and incoming to the Movie node.

Practical-7

```
MATCH (p:Person)-[r:REVIEWED]-(m:Movie)
RETURN p,r,m
```

