```
-- List everything in the Database
match(n)
return n

-- Create Empty Node
create (n)
return n

-- Create multiple empty nodes
create (),(),(),(),(),(),()

-- Delete everything from the database
match (n)
detach
delete n

-- Create a node with with labels and no properties
create (p:Person)
return p

create (e:Employee)
return e

-- Create a node with with multiple labels
create (rehman :Person:Employee:Humber)
return rehman

-- Create a node with properties no labels
create (p: {name:"Rehman", age:33, email:"dummy@gmail.com"})
return p

-- Create a node with label and properties
create (p: Person{name:"Rehman", age:33, email:"dummy@gmail.com"})
return p

create (c:Country{name:"Canada"})
return c

-- Create relationship between existing nodes
MATCH
   (p:Person),
   (c:Country)
WHERE p.name = 'Rehman' AND c.name = 'Canada'
CREATE (p)-[r:RESIDENT_OF {name: 'lives_in'}]->(c)
return type(r), r.name

-- Display output
MATCH
   (p:Person),
   (c:Country)
WHERE p.name = 'Rehman' AND c.name = 'Canada'
return p, c

-- Dispaly all
match(n)
return n

-- Display specific record
match(p:Person)
WHERE p.name = 'Rehman'
return p

-- Display all deined variables
MATCH
   (p:Person),
   (c:Country)
WHERE p.name = 'Rehman' AND c.name = 'Canada'
return *

-- Update existing node with additional properties
Match (p:Person {name: "Rehman"})
Set p.job_title =  "Professor",  p.company = "Humber College"
RETURN p

-- Create a social network graph
CREATE

(J:Person{name:'Jim'}),
(E:Person{name:'Emil'}),
(I:Person{name:'Ian'}),
(J)-[:KNOWS]-> (E),
(J)-[:KNOWS]-> (I),
(I)-[:KNOWS]-> (E)

RETURN *

_____
```

```
CREATE (shakespeare:Author {firstname:'William', lastname:'Shakespeare'}),
(juliusCaesar:Play {title:'Julius Caesar'}),
(shakespeare)-[:WROTE_PLAY {year:1599}]->(juliusCaesar),
(theTempest:Play {title:'The Tempest'}),
(shakespeare)-[:WROTE_PLAY {year:1610}]->(theTempest),
(rsc:Company {name:'RSC'}),
(production1:Production {name:'Julius Caesar'}),
(rsc)-[:PRODUCED]->(production1),
(production1)-[:PRODUCTION_OF]->(juliusCaesar),
(performance1:Performance {date:20120729}),
(performance1)-[:PERFORMANCE_OF]->(production1),
(production2:Production {name:'The Tempest'}),
(rsc)-[:PRODUCED]->(production2),
(production2)-[:PRODUCTION_OF]->(theTempest),
(performance2:Performance {date:20061121}),
(performance2)-[:PERFORMANCE_OF]->(production2),
(performance3:Performance {date:20120730}),
(performance3)-[:PERFORMANCE_OF]->(production1),
(billy:User {name:'Billy'}),
(review:Review {rating:5, review:'This was awesome!'}),
(billy)-[:WROTE_REVIEW]->(review),
(review)-[:RATED]->(performance1),
(theatreRoyal:Venue {name:'Theatre Royal'}),
(performance1)-[:VENUE]->(theatreRoyal),
(performance2)-[:VENUE]->(theatreRoyal),
(performance3)-[:VENUE]->(theatreRoyal),
(greyStreet:Street {name:'Grey Street'}),
(theatreRoyal)-[:STREET]->(greyStreet),
(newcastle:City {name:'Newcastle'}),
(greyStreet)-[:CITY]->(newcastle),
(tyneAndWear:County {name:'Tyne and Wear'}),
(newcastle)-[:COUNTY]->(tyneAndWear),
(england:Country {name:'England'}),
(tyneAndWear)-[:COUNTRY]->(england),
(stratford:City {name:'Stratford upon Avon'}),
(stratford)-[:COUNTRY]->(england),
(rsc)-[:BASED_IN]->(stratford),
(shakespeare)-[:BORN_IN]->(stratford)


-- find out about all the Shakespeare events that have taken place in the Theatre Royal in Newcastle

MATCH (theater:Venue {name:'Theatre Royal'}),
(newcastle:City {name:'Newcastle'}),
(bard:Author {lastname:'Shakespeare'})
```