Node

Create (Daniel:teacher {name:”Daniel Paes”, YoB: 1986, email: [D@Con.ca}](mailto:D@Con.ca%7d))

relationship

Create (Daniel)-[:teaches]->(CEB1250)

Relationship with property

Create (Daniel)-[r:teaches{session: “winter”}]->(CEB1250)

In Class Exercise:

Create (weber:captain {name:“Shea Michael Weber”, acquired:2016, postion:Defence})

Create (domi:player {name:“Max Domi”, acquired:2018, postion:Centre})

Create (price:player {name:“Carey Price”, acquired:2015, postion:goaltender})

Create (petry:player {name:“Jeff Petry”, acquired:2015, postion:Defence})

Create (benn:player {name:“Jordie Benn”, acquired:2015, postion:Defence})

Create (habs:team {name:“Montreal Canadians”, sport:”ice hockey”, league:”NHL”})

Create (weber)-[r:rosters{season: 2019}]->(habs)

Create (domi)-[r:rosters{season: 2019}]->(habs)

Create (price)-[r:rosters{season: 2019}]->(habs)

Create (petry)-[r:rosters{season: 2019}]->(habs)

Create (benn)-[r:rosters{season: 2019}]->(habs)

match(p:player) RETURN max(p.acquired)

match(p:player) RETURN max(p.acquired)

match(p:player) return p

match(c:captain), (t:team),(p:player) return c, t, p

create (petry)-[r:rosters{season:"2019"}]->(habs)

create (habs:team {name:"Montreal Canadians",sport:"ice hockey",league:"NHL"})

match (p:player),(c:captain) where c.position="Defence" and p.position="defence" remove p.position, c.position

match (p:player),(c:captain) where c.position="Defence" and p.position="defence" remove p.position, c.position

MATCH(Weber) SET Weber :player return Weber

Last login: Sun Mar 10 09:01:08 on console

CCE-Lab111-99:~ alk\_pate$ git git clone <https://github.com/danspaes/db-sandbox>

git: 'git' is not a git command. See 'git --help'.

The most similar command is

init

CCE-Lab111-99:~ alk\_pate$ git clone <https://github.com/danspaes/db-sandbox>

fatal: destination path 'db-sandbox' already exists and is not an empty directory.

CCE-Lab111-99:~ alk\_pate$ cd db-sandbox

CCE-Lab111-99:db-sandbox alk\_pate$ docker-compose up -d

WARNING: Found orphan containers (db-sandbox\_db\_1) for this project. If you removed or renamed this service in your compose file, you can run this command with the --remove-orphans flag to clean it up.

mongo-express is up-to-date

adminer is up-to-date

mysql is up-to-date

jupyter is up-to-date

neo4j is up-to-date

cassandra is up-to-date

mongo is up-to-date

redis is up-to-date

CCE-Lab111-99:db-sandbox alk\_pate$ redis-cli

-bash: redis-cli: command not found

CCE-Lab111-99:db-sandbox alk\_pate$ docker exec -it redis/bin/bash

"docker exec" requires at least 2 arguments.

See 'docker exec --help'.

Usage:  docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

Run a command in a running container

CCE-Lab111-99:db-sandbox alk\_pate$ redis-cli

-bash: redis-cli: command not found

CCE-Lab111-99:db-sandbox alk\_pate$ dockerexec -it redis/bin/bash

-bash: dockerexec: command not found

CCE-Lab111-99:db-sandbox alk\_pate$ docker exec -it redis /bin/bash

root@redis:/data# redis-cli

[127.0.0.1:6379](http://127.0.0.1:6379/)> ping

PONG

[127.0.0.1:6379](http://127.0.0.1:6379/)> mset

(error) ERR wrong number of arguments for 'mset' command

[127.0.0.1:6379](http://127.0.0.1:6379/)> mset key1 "This is a test key" key2 6 key3 9.0 key4 "hello"

OK

[127.0.0.1:6379](http://127.0.0.1:6379/)> get test

(nil)

[127.0.0.1:6379](http://127.0.0.1:6379/)> get key1

"This is a test key"

[127.0.0.1:6379](http://127.0.0.1:6379/)> mget key1 key2 key3

1) "This is a test key"

2) "6"

3) "9.0"

[127.0.0.1:6379](http://127.0.0.1:6379/)> getrange key1 1 2

"hi"

[127.0.0.1:6379](http://127.0.0.1:6379/)> getrange key1 2 3

"is"

[127.0.0.1:6379](http://127.0.0.1:6379/)> incry key2 1

(error) ERR unknown command `incry`, with args beginning with: `key2`, `1`,

[127.0.0.1:6379](http://127.0.0.1:6379/)> Incry key2 1

(error) ERR unknown command `Incry`, with args beginning with: `key2`, `1`,

[127.0.0.1:6379](http://127.0.0.1:6379/)> Incrby key2 1

(integer) 7

[127.0.0.1:6379](http://127.0.0.1:6379/)> Incrybyfloat key3 4

(error) ERR unknown command `Incrybyfloat`, with args beginning with: `key3`, `4`,

[127.0.0.1:6379](http://127.0.0.1:6379/)> Incrybyfloat key3 4.2

(error) ERR unknown command `Incrybyfloat`, with args beginning with: `key3`, `4.2`,

[127.0.0.1:6379](http://127.0.0.1:6379/)> get key3

"9.0"

[127.0.0.1:6379](http://127.0.0.1:6379/)> Incrbyfloat key3 4.2

"13.2"

[127.0.0.1:6379](http://127.0.0.1:6379/)> apend key1 "hello"

(error) ERR unknown command `apend`, with args beginning with: `key1`, `hello`,

[127.0.0.1:6379](http://127.0.0.1:6379/)> get key1

"This is a test key"

[127.0.0.1:6379](http://127.0.0.1:6379/)> Append key1 "hello"

(integer) 23

[127.0.0.1:6379](http://127.0.0.1:6379/)> get key1

"This is a test keyhello"

[127.0.0.1:6379](http://127.0.0.1:6379/)> exists key4

(integer) 1

[127.0.0.1:6379](http://127.0.0.1:6379/)> exist key5

(error) ERR unknown command `exist`, with args beginning with: `key5`,

[127.0.0.1:6379](http://127.0.0.1:6379/)> exists key4

(integer) 1

[127.0.0.1:6379](http://127.0.0.1:6379/)>

[127.0.0.1:6379](http://127.0.0.1:6379/)> Incrby key2 10

(integer) 17

[127.0.0.1:6379](http://127.0.0.1:6379/)> setrange key1 14

(error) ERR wrong number of arguments for 'setrange' command

[127.0.0.1:6379](http://127.0.0.1:6379/)> setrange key1 14 "to appending text"

(integer) 31

[127.0.0.1:6379](http://127.0.0.1:6379/)> Append key4 "World"

(integer) 10

[127.0.0.1:6379](http://127.0.0.1:6379/)> get key4

"helloWorld"

[127.0.0.1:6379](http://127.0.0.1:6379/)> mget key1 key2 key3 key4

1) "This is a testto appending text"

2) "17"

3) "13.2"

4) "helloWorld"

[127.0.0.1:6379](http://127.0.0.1:6379/)> del key4

(integer) 1

[127.0.0.1:6379](http://127.0.0.1:6379/)> exists key4

(integer) 0

[127.0.0.1:6379](http://127.0.0.1:6379/)> Incrby key3 -0.50

(error) ERR value is not an integer or out of range

[127.0.0.1:6379](http://127.0.0.1:6379/)> mget key1 key2 key3

1) "This is a testto appending text"

2) "17"

3) "13.2"

[127.0.0.1:6379](http://127.0.0.1:6379/)> Incrby key3 -0.5

(error) ERR value is not an integer or out of range

[127.0.0.1:6379](http://127.0.0.1:6379/)> get key4

(nil)

[127.0.0.1:6379](http://127.0.0.1:6379/)> Decr key3 0.5

(error) ERR wrong number of arguments for 'decr' command

[127.0.0.1:6379](http://127.0.0.1:6379/)> Decrby key3 0.5

(error) ERR value is not an integer or out of range

[127.0.0.1:6379](http://127.0.0.1:6379/)> get key3

"13.2"

[127.0.0.1:6379](http://127.0.0.1:6379/)> Incrbyfloat key3 -0.5

"12.7"

[127.0.0.1:6379](http://127.0.0.1:6379/)>

[127.0.0.1:6379](http://127.0.0.1:6379/)>

[127.0.0.1:6379](http://127.0.0.1:6379/)> scan 0

1) "0"

2) 1) "key3"

   2) "key1"

   3) "key2"

[127.0.0.1:6379](http://127.0.0.1:6379/)> scan 10

1) "0"

2) 1) "key2"

[127.0.0.1:6379](http://127.0.0.1:6379/)> mset key1 "Hello" key2 10 key3 "this is a test" key4 98.9

OK

[127.0.0.1:6379](http://127.0.0.1:6379/)> scan 0

1) "0"

2) 1) "key3"

   2) "key1"

   3) "key2"

   4) "key4"

[127.0.0.1:6379](http://127.0.0.1:6379/)> mget key1 key2 key3 key4

1) "Hello"

[127.0.0.1:6379](http://127.0.0.1:6379/)> HMSET CEBD1250 [desription "Big Data Storage" day "Sunday" hour"9:00-12:00"]

Invalid argument(s)

[127.0.0.1:6379](http://127.0.0.1:6379/)> HMSET CEBD1250 desription "Big Data Storage" day "Sunday" hour "9:00-12:00"

OK

[127.0.0.1:6379](http://127.0.0.1:6379/)>