

DAMG 7275 Quiz 2 – Xinan Wang

NUID: 002916472

Question 1: Arangodb

```
arangoinport --file /Users/nannmemeda/Downloads/Q2_ArangoDB_workfor.csv --collection  
workfor --create-collection true --type csv --create-collection-type edge
```

```
arangoinport --file /Users/nannmemeda/Downloads/Q2_ArangoDB_employee.csv --collection  
employee --create-collection true --type csv
```

```
(base) nannmemeda@Wangs-MacBook-Air ~ % arangoinport --file /Users/nannmemeda/Down  
loads/Q2_ArangoDB_workfor.csv --collection workfor --create-collection true --type  
csv --create-collection-type edge  
Please specify a password: ]  
Connected to ArangoDB 'http+tcp://127.0.0.1:8529, version: 3.10.0, database: '_sys  
tem', username: 'root'
```

```
----- ]  
database:          _system  
collection:        workfor  
overwrite coll. prefix: no  
create:            yes  
create database:   no  
source filename:   /Users/nannmemeda/Downloads/Q2_ArangoDB_workfor.csv  
file type:         csv  
quote:             "  
separator:  
headers file:  
threads:           8  
on duplicate:      error  
connect timeout:   5  
request timeout:   1200  
-----
```

Starting CSV import...

```
created:           10  
warnings/errors:   0  
updated/replaced:  0  
ignored:           0  
lines read:        12
```

```

(base) nannmemeda@Wangs-MacBook-Air ~ % arangoimport --file /Users/nannmemeda/Downl
oads/Q2_ArangoDB_employee.csv --collection employee --create-collection true --ty
pe csv
Please specify a password:
Connected to ArangoDB 'http+tcp://127.0.0.1:8529, version: 3.10.0, database: '_sys
tem', username: 'root'
-----
database:                _system
collection:              employee
overwrite coll. prefix: no
create:                  yes
create database:         no
source filename:         /Users/nannmemeda/Downloads/Q2_ArangoDB_employee.csv
file type:               csv
quote:                   "
separator:
headers file:
threads:                 8
on duplicate:            error
connect timeout:         5
request timeout:         1200
-----
Starting CSV import...

created:                  21
warnings/errors:         0
updated/replaced:        0
ignored:                  0
lines read:              23
(base) nannmemeda@Wangs-MacBook-Air ~ % █

```

```

FOR v,e,p IN 1..4 INBOUND 'employee/3' workfor
OPTIONS {
  bfs: TRUE,
  uniqueVertices:'none',
  uniqueEdges:'path'
}
FILTER v._key IN ['3','7','12','15','21']
RETURN CONCAT_SEPARATOR('->', p.vertices[*]._id,
  p.vertices[*].lastname)

```

EditorRunning QueriesSlow Query History

☆ QueriesNewSave as

1000 results

```
1 FOR v,e,p IN 1..4 INBOUND 'employee/3' workfor
2 OPTIONS {
3   bfs: TRUE,
4   uniqueVertices:'none',
5   uniqueEdges:'path'
6 }
7 FILTER v._key IN ['3','7','12','15','21']
8 RETURN CONCAT_SEPARATOR('-', p.vertices[*]._id,
9        p.vertices[*].lastname)
```

Key	Value
No bind parameters defined.	

Remove all resultsCreate Debug PackageProfileExplainExecute

Query4 elements4.641 msJSON

```
1 [
2   ["employee/3","employee/7"]->["Leverling","King"],
3   ["employee/3","employee/7","employee/12"]->["Leverling","King","Chang"],
4   ["employee/3","employee/7","employee/15"]->["Leverling","King","Black"],
5   ["employee/3","employee/7","employee/15","employee/21"]->["Leverling","King","Black","Thompson"]
6 ]
```