**Mongo Database**

**Command line:**

Connection to the server through terminal on mac:

ssh my matriculation number@soc-web-liv-41.napier.ac.uk

ctrl - d to disconnect

hostnamectl 🡪command to find the version of server

Operating system: Ubuntu 18.04.2 LTS

Kernel: Linux 4.15.0-45-generic

Architecture: x86-64

ip addr show 🡪 command that shows the ip

127.0.0.1/8 146.176.251.66/24

MongoDB listens on the port 27017

Collections: like users and orders

Documents: are like tables in MySQL

**SADFace Document:**

<https://github.com/ARG-ENU/SADFace>

**Create a database:**

mongo 🡪 command to see the version and get inside the database

>show dbs 🡪 shows the databases

admin 0.000GB

config 0.000GB

local 0.000GB

>show collections 🡪 shows the collections

>db.users.find() 🡪 shows the documents inside the db

>use arguments 🡪 creates a new database ‘arguments’ or if the database exists goes inside the database (switched to db arguments)

>db 🡪 shows the database we are in

>db.users.insert ( { “name” : “Konstantina”, “email”:”[konstantina@gmail.com](mailto:konstantina@gmail.com)”, “password”: “12345”, “secondpassword”:”12345” } ) 🡪 creates a new collection

> db.users.find()

{ "\_id" : ObjectId("5c9f853c18a49a72d343edf2"), "name" : "Konstantina Marinou", "email" : "konstantina@gmail.com" }

> db.users.find({"name":"Konstantina Marinou"})

{ "\_id" : ObjectId("5c9f853c18a49a72d343edf2"), "name" : "Konstantina Marinou", "email" : "konstantina@gmail.com" }

> db.users.find({"name":"Konstantina Marinou"},{"email":1})

{ "\_id" : ObjectId("5c9f853c18a49a72d343edf2"), "email" : "konstantina@gmail.com" }

> db.users.find({"name":"Konstantina Marinou"},{"email":1,"\_id":0})

{ "email" : "konstantina@gmail.com" }

>db.admin.insert({user: ’admin’, pwd: ‘admin’, roles:

[ { role: ‘readWrite’, db: ‘arguments’ }] }) 🡪creates an admin

>db.product.insert({“id”: {}, “metadata”: {}, “sources”: [], “title”: “Robots”, “text”: ”Robots should not be replace human employees.”})

quit () 🡪 to exit the cell or with the shortcut ctrl-c