**Session 1**

**24/03/2020**

**Objectives and tasks for the session:**

1. **Install gcc**
2. **Install g++**
3. **Install git**
4. **Install vim**
5. **Install terminator**
6. **Install openjdk-8-jdk**
7. **Install openjdk-8-jre**

**Tasks completed:**

sudo apt install gcc

sudo apt install g++

sudo apt install git

sudo apt install terminator

sudo apt install openjdk-8-jdk

sudo apt install openjdk-8-jre

Note:

* Shortcut to open terminal: ctrl + alt + T ;
* To paste on terminal: Shift + ctrl +V

Installing MongoDB:

1.Copy public key from website

wget -qO - https://www.mongodb.org/static/pgp/server-4.4.asc | sudo apt-key add -

2. Create the list (for version 18.04+)

echo "deb [ arch=amd64,arm64 ] https://repo.mongodb.org/apt/ubuntu bionic/mongodb-org/4.4 multiverse" | sudo tee /etc/apt/sources.list.d/mongodb-org-4.4.list

3.Update repository

sudo apt-get update

4. Install MongoDB

sudo apt-get install -y mongodb-org

5.Start MongoDB

sudo systemctl start mongod

6.Check Status

sudo systemctl daemon-reload

7. To run Mongodb

mongo

Creating JSON Objects

[{

"Manufacturer": "Nestle",

"ID": 5645,

"Name": "Kit Kat",

"MfgDate": "2021/03/21",

"Ingredients": ["Pig fat", "Cocoa", "Wafer"],

"ExpiryDate": "2023/03/12",

"URL": ["flikart.com", "snapdeal.com", "swiggydunzomato.com"]

},

{

"Manufacturer": "ITC",

"ID": 5646,

"Name": "Classmate Notebooks",

"MfgDate": "2021/03/21",

"Ingredients": ["Trees", "Ink"],

"ExpiryDate": "2029/03/12",

"URL": ["flikart.com", "snapdeal.com", "amazon.in"]

}]