

Python Internship Assignment-2

MongoDB

- 1] install MongoDB locally or **create account on MongoDB cloud Atlas**, install mongosh for db queries
- 2] create a database with name "shopping"
- 3] create a collection "mobiles"
- 4] pip install pymongo, create a separate directory for the programs
- 5] Write a python program to take input from the user and add employee data as a document in the collection (ex. ID, company, model, processor, screensize, ram, rom, connectivity, price, rating, etc.)
- 6] Write a program to show list of all documents from the collection
- 7] Write a program to take ID as input, search and display the document with mobile information
- 8] Write a program to take company as an input and display documents of all mobiles of the company
- 9] Write a program to accept ID and new price of the mobile. Update the document with new price. Display the document after updating.
- 10] Write a program to accept ID, ram and rom. Update the document with new ram and rom of the model. (memory size - temp & permanent)
- 11] Write a program to accept ID, fetch the document from collection, copy it in another collection "outofstock" and delete the document from the "mobiles" collection
- 12] Write a program to accept price and display all documents having price less than the input value
- 13] Make a zip file of all programs and upload on github in another repository as "mongodb". Use your own ideas and innovation.

