# mongodb assignment 1

June 17, 2023

Q1. What is MongoDB? Explain non-relational databases in short. In which scenarios it is preferred to use MongoDB over SQL databases?

ANS: MangoDB is documents database. nonrelational database store a data in nontabular forms. they doesnot required datbase administartor.

Q2. State and Explain the features of MongoDB.

ANS: it supports fields quries,range queries and regular expression searchs and easy to put document formats data

Q3. Write a code to connect MongoDB to Python. Also, create a database and a collection in MongoDB.

ans:import pymongo client=pymongo.MongoClient("mongodb+srv://rewatibhomle0407:rewatibhomle0407@cluste db=client.test

client=pymongo.MongoClient("mongodb+srv://rewatibhomle0407:rewatibhomle0407@cluster0.s3q8c3r.mongodb. client.test db=client["pwskills"]

Q4. Using the database and the collection created in question number 3, write a code to insert one record, and insert many records. Use the find() and find_one() methods to print the inserted record.

ANS:=data={"name" : "rew", "class" : "data sciences", "time" : "flexi"} coll_pwskills.insert_one(data) coll_pwskills.find() coll_pwskills.find_one()

Q7. Explain why delete_one(), delete_many(), and drop() is used.

ans:delete_one() used for delete one records delete_many() used for delete many records drop() function used to drop the collection

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