Students

StudRollNo

StudName

Grade

Hobbies

DOJ

Show dbs;

Use ch6mng;

|  | RDBMS | MONGODB |
| --- | --- | --- |
| Create | Create table Students (StudRollNo varchar2(20),  StudName varchar2(50),  Grade varchar2(5),  Hobbies varchar2(50),  DOJ date) | db.createCollection(“Students”) |
| INSERT | Insert into Students (StudRollNo,  StudName,  Grade,  Hobbies,  DOJ) values (‘S101’,’’,’VII’,...) | db.Students.insert(  {  \_id:1,  StudRollNo:’S101’,  StudName:’’,  Grade:’VII’,  Hobbies:’Net Surfing’,  DOJ:’10-OCT-2012’,  }  ) |
| Update | Update Students  Set Hobbies=’Ice Hockey’  Where StudRollNo=’S101’  Update Students  Set Hobbies=’Ice Hockey’ | db.Students.update(  {StudRollNo:’S101’},  {$set:  {  Hobbies:’Ice Hockey’  }  },  )  db.Students.update(  { },  {$set:  {  Hobbies:’Ice Hockey’  }  },  {multi:true},  ) |
| Delete | Delete from Students where StudRollNo=’S101’  Delete from Students | db.Students.remove(  {  StudRollNo:’S101’  }  )  db.Students.remove(  ) |
| Select | Select \* from Students  Select \* from Students  Where StudRollNo=’S101’  Select StudRollNo, StudName, Hobbies from Students  Select StudRollNo, StudName, Hobbies from Students  Where Grade=’VII’ and Hobbies=’Ice Hockey’  Select StudRollNo, StudName, Hobbies from Students  Where Grade=’VII’ or Hobbies=’Ice Hockey’  Select \* from Students  Where StudName like ‘S%’ | db.Students.find({}).pretty()  db.Students.find({StudRollNo:’S101’})  db.Students.find(  {},  {StudRollNo:1,  StudName:1,  Hobbies:1,  \_id:0}  )  db.Students.find({StudRollNo:’S101’, Hobbies:’Ice Hockey’},  {StudRollNo:1,  StudName:1,  Hobbies:1,  \_id:0}  )  Cross check syntax  db.Students.find({$or:[{StudRollNo:’S101’, Hobbies:’Ice Hockey’}]},  {StudRollNo:1,  StudName:1,  Hobbies:1,  \_id:0}  )  db.Students.find({StudName:/^S/}) |

| Objective/Aim | MongoDB Query |
| --- | --- |
| Show all collections | Show collections |
| Drop a collection named food | db.food.drop() |
| Update else insert | db.Students.update(  ...,  ...,  {upsert:true}  ) |
|  |  |
|  |  |