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| A picture containing drawing, stop, room  Description automatically generated | Next Generation Technologies  Practical #7 | | |
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| **Name** | Sandeep Jain | **Roll Number** | 21302C0058 |
| **Subject/Course:** | NGT | | |
| **Topic** | Replication,Backup and Restore | | |
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| **Replication, Backup and Restore** | | | |
| **a Write a MongoDB query to create Replica of existing database**  **b Write a MongoDB query to create a backup of existing database.**  **c Write a MongoDB query to restore database from the backup.**  **Steps:**  1 start mongod -replSet mydata -logpath \data\rs1\1.log --dbpath \data\rs1 --port 27018    2 start mongod -replSet mydata -logpath \data\rs2\2.log --dbpath \data\rs2 --port 27019    3 start mongod -replSet mydata -logpath \data\rs3\3.log --dbpath \data\rs3 --port 27020    4new command prompt  5 mongo --port 27018    6 config = {\_id:"mydata",members:[{\_id:0,host:"localhost:27018"},{\_id:1,host:"localhost:27019"},{\_id:2,host:"localhost:27020"}]}    7 rs.initiate(config)    8 rs.status()    9 use prac7    10 show collections  11 use prac7    12 db.stud.insert({"name":"sandeep","rno":"58"})  13 db.stud.insert({"name":"sudhansu","rno":"01"})    14 db.use.find()    New command prompt  15 start mongo port –27019    New mongo start    16 rs.slaveOk()  17 show dbs    18 use prac7    19 show collections    20 db.stud.find().pretty()    New command prompt  21 db.stud.insert({"name":"sahil","rno":"22"})  new data in not allow    22 start mongo –port 27020      In mongodb cmd type:  23 rs.slaveOk()  24 show dbs    25 use prac7    26 show collections    27 db.stud.find().pretty()    28 db.stud.insert({"name":"sahil","rno":"22"})  new data in not allow    b Write a MongoDB query to create a backup of existing database.  New mongo  use sandeep    db.stud.insert({"name":"sandeep","rno":"58"})  db.stud.insert({"name":"sudhansu","rno":"01"})  image  mongodump -d sandeep -o c:/data/vsit    **c Write a MongoDB query to restore database from the backup**  mongorestore -d sandeepjain c:/data/vsit/sandeep  image    show dbs | | | |
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