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| A picture containing drawing, stop, room  Description automatically generated | Next Generation Technologies  Practical #10 | | |
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| **Subject/Course:** | NGT | | |
| **Topic** | **Python and Mongodb** | | |
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| **Python and Mongodb** | | | |
| **Code in Python**  **Pip install pymongo**  **[A] Insert records**  **Code**  from pymongo import MongoClient  client =MongoClient('localhost:27017')  db=client.EmployeeData  def insert():  try:  employeeId=input("\n Enter the Employee Id \n")  employeeName=input("\n Enter the name of Employee \n")  employeeAge=input("\n Enter the Age of Employee \n")  employeeCountry=input("\n Enter the country of Employee Id \n")        db.Employees.insert\_one(  {  "id":employeeId,  "name":employeeName,  "age":employeeAge,  "Country":employeeCountry  })  print("\n Inserted data successfully \n")  except Exception as e:  print(str(e))    insert()  **Output**    **Use EmployeeData**  **db.Employees.find()**    **[B] Update records**  from pymongo import MongoClient  client =MongoClient('localhost:27017')  db=client.EmployeeData  def update():  try:  employeeName=input("\n Enter the name of Employee \n")  employeeAge=input("\n Enter the Age of Employee \n")  employeeCountry=input("\n Enter the country of Employee Id \n")        db.Employees.update\_one(  {  "name":employeeName},  {  "$set":{  "age":employeeAge,  "Country":employeeCountry  }  })  print("\n record update data successfully \n")  except Exception as e:  print(str(e))  update()  **Output**      **[C] Delete records**  **Code**  from pymongo import MongoClient  client =MongoClient('localhost:27017')  db=client.EmployeeData  def delete():  try:  name=input("\n Enter the name of Employee to delete \n")  db.Employees.delete\_many({"name":name})  print("\n record delete data successfully \n")  except Exception as e:  print(str(e))    delete()  **Output**      **[D] Retrieve records**  **Code**  from pymongo import MongoClient  client = MongoClient ('localhost:27017')  db = client.EmployeeData    def read():  try:  empCol=db.Employees.find()  print ("\n All data form EmployeeData Database\n")  for emp in empCol:  print (emp)    except Exception as e:  print (str (e))    read ()  **Output** | | | |
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