PRACTICAL 9

package collegedemo;

import java.sql.\*;

import java.util.\*;

public class Databaseconnects {

public static void main(String[] args) {

try {

Class.forName("com.mysql.cj.jdbc.Driver");

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/collegedemos", "root", "Prajakta@2004");

Statement stm=con.createStatement();

Scanner sc=new Scanner(System.in);

int r;

String nm;

String addr;

System.out.println("enter the rollno:");

r=sc.nextInt();

System.out.println("enter the name:");

nm=sc.next();

System.out.println("enter the address:");

addr=sc.next();

//String str = "create database collegedemos";

//String str = "create table stud(rollno int,name varchar(20),address varchar(20))";

String str = "insert into stud values(" + r + ", '" + nm + "', '" + addr + "')";

stm.executeUpdate(str);

//System.out.println("database created");

//System.out.println("table created");

System.out.println("value inserted");

}

catch(Exception e) {

System.out.println(e);

}

}

}

Output:-

Enter password: \*\*\*\*\*\*\*\*\*\*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 20

Server version: 8.0.42 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;

+--------------------+

| Database |

+--------------------+

| collegedemo |

| collegedemos |

| db |

| employee |

| mysql |

+--------------------+

18 rows in set (0.01 sec)

mysql> use collegedemos;

Database changed

mysql> show tables;

+------------------------+

| Tables\_in\_collegedemos |

+------------------------+

| stud |

+------------------------+

1 row in set (0.04 sec)

mysql> desc stud;

+---------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------+-------------+------+-----+---------+-------+

| rollno | int | YES | | NULL | |

| name | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

+---------+-------------+------+-----+---------+-------+

3 rows in set (0.02 sec)

mysql> select \* from stud;

+--------+----------+---------+

| rollno | name | address |

+--------+----------+---------+

| 101 | Virat | pune |

+--------+----------+---------+

1 row in set (0.01 sec)

mysql> select \* from stud;

+--------+----------+---------+

| rollno | name | address |

+--------+----------+---------+

| 101 | Virat | pune |

| 102 | Anushka | pune |

+--------+----------+---------+

2 rows in set (0.00 sec)

mysql>