Practical 8

DATABASE CREATION

**package** pr8;

**import** java.sql.\*;

**import** java.util.\*;

**public** **class** practical8 {

**public** **static** **void** main(String[] args) {

**try** {

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

Connection con= DriverManager.*getConnection*("jdbc:mysql://localhost:3306","root","root");

Statement stm=con.createStatement();

String str="create database demo\_a1";

stm.executeUpdate(str);

System.***out***.println("database created!");

}

**catch**(Exception e)

{

System.***out***.println(e);

}

}

}

OUTPUT :

database created!

TABLE CREATION

**package** pr8;

**import** java.sql.\*;

**import** java.util.\*;

**public** **class** practical8 {

**public** **static** **void** main(String[] args) {

**try** {

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

Connection con= DriverManager.*getConnection*("jdbc:mysql://localhost:3306/demo\_a1","root","root");

Statement stm=con.createStatement();

String str="create table product(pid int, pname varchar(20), price int)";

stm.executeUpdate(str);

System.***out***.println("Table created!");

}

**catch**(Exception e)

{

System.***out***.println(e);

}

}

}

OUTPUT

Table created!

DATA INSERTION

**package** pr8;

**import** java.sql.\*;

**import** java.util.\*;

**public** **class** practical8 {

**public** **static** **void** main(String[] args) {

**try** {

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

Connection con= DriverManager.*getConnection*("jdbc:mysql://localhost:3306/demo\_a1","root","root");

Statement stm=con.createStatement();

//String str="create table product(pid int, pname varchar(20), price int)";

Scanner obj= **new** Scanner(System.***in***);

**int** pid, price;

String pn;

System.***out***.println("Enter value for pid");

pid=obj.nextInt();

System.***out***.println("Enter value for pname");

pn = obj.next();

System.***out***.println("Enter value for price");

price=obj.nextInt();

String str="insert into product values("+pid+", '"+pn+"', "+price+")";

stm.executeUpdate(str);

System.***out***.println("Data inserted!");

}

**catch**(Exception e)

{

System.***out***.println(e);

}

}

}

OUTPUT

Enter value for pid

101

Enter value for pname

Book

Enter value for price

300

Data inserted!