

Inserting Date

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In order to insert date in the database we have to follow 5 steps:

1. Accept date as a string from the user.
2. Create a SimpleDateFormat object and using its parse() method convert the String representation of Date into java.util.Date object.
3. Convert java.util.Date into milliseconds using the method getTime() of java.util.Date.
4. Convert these milliseconds into java.sql.Date object using its constructor.
5. Finally pass this java.sql.Date to setDate() method of PreparedStatement object which will convert it into databases date format before inserting in the table.

```
PreparedStatement ps=conn.prepareStatement("insert
into employees values(?,?,?,?)");
Scanner kb=new Scanner(System.in);

System.out.println("Enter emp id:");
int id=kb.nextInt();
System.out.println("Enter emp name:");
kb.nextLine();
String name=kb.nextLine();
System.out.println("Enter emp sal:");
double sal=kb.nextDouble();
System.out.println("Enter job:");
String job=kb.next();
System.out.println("Enter hiredate(dd/mm/yyyy):");
String hdateStr=kb.next();
```

```
SimpleDateFormat sdf=new
SimpleDateFormat("dd/MM/yyyy");
java.util.Date d1=sdf.parse(hdateStr);

long ms=d1.getTime();
java.sql.Date d2=new java.sql.Date(ms);

ps.setInt(1,id);
ps.setString(2,name);
ps.setDouble(3,sal);
ps.setString(4,job);
ps.setDate(5, d2);
int result=ps.executeUpdate();
System.out.println("Rec inserted:" + result);
```

```
PreparedStatement ps=conn.prepareStatement("insert into movies values(?,?)");
Scanner kb=new Scanner(System.in);

System.out.println("Enter path to the image:");
String imgPath=kb.nextLine();
System.out.println(imgPath);
int lastFwdPos=imgPath.lastIndexOf("/");
int lastDotPos=imgPath.lastIndexOf(".");
String movName=imgPath.substring(lastFwdPos+1,lastDotPos);

ps.setString(1, movName);
File f=new File(imgPath);
InputStream fin=new FileInputStream(imgPath);
ps.setBinaryStream(2,fin,(int)f.length());
int result=ps.executeUpdate();
System.out.println("Rec ins:"+result);

System.out.println("Disconnected with the DB");
```