

## ASSIGNMENT 3

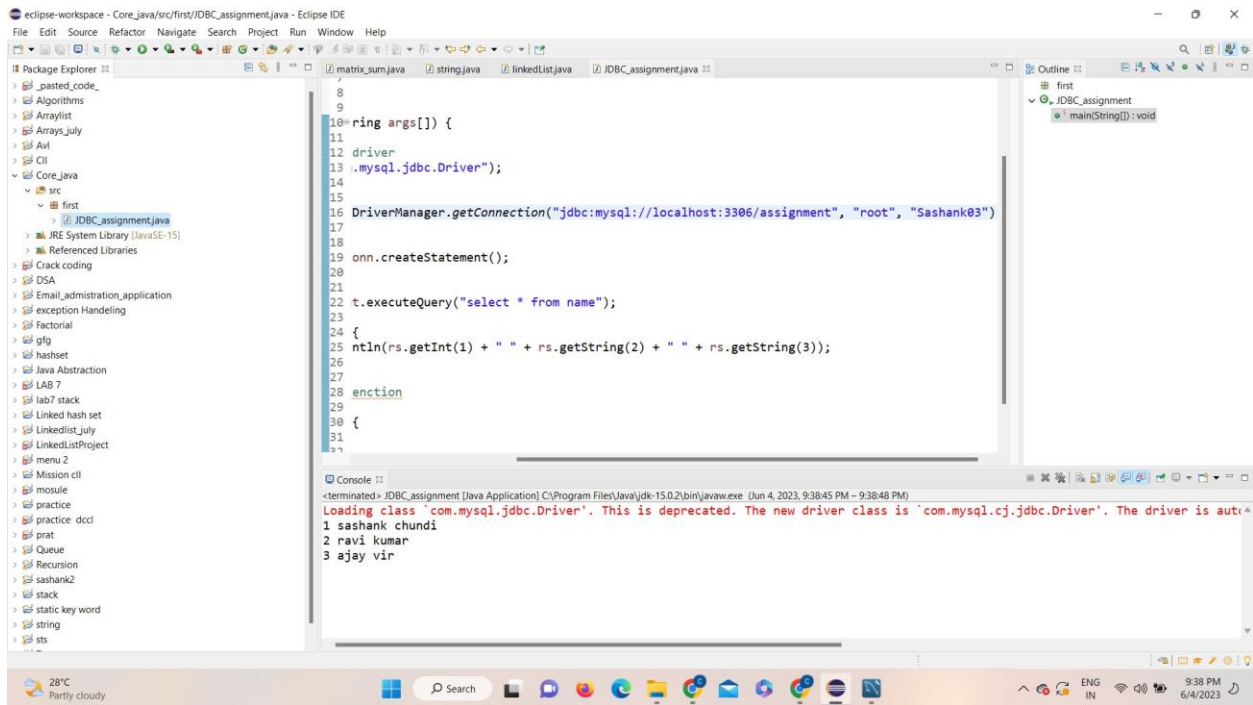
NAME: SASHANK

REG NUM: 20BEV7041

### JDBC ASSIGNMENT

a)

connecting MYSQL and ECLIPS



```
eclipse-workspace - Core_java/src/first/JDBC_assignment.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

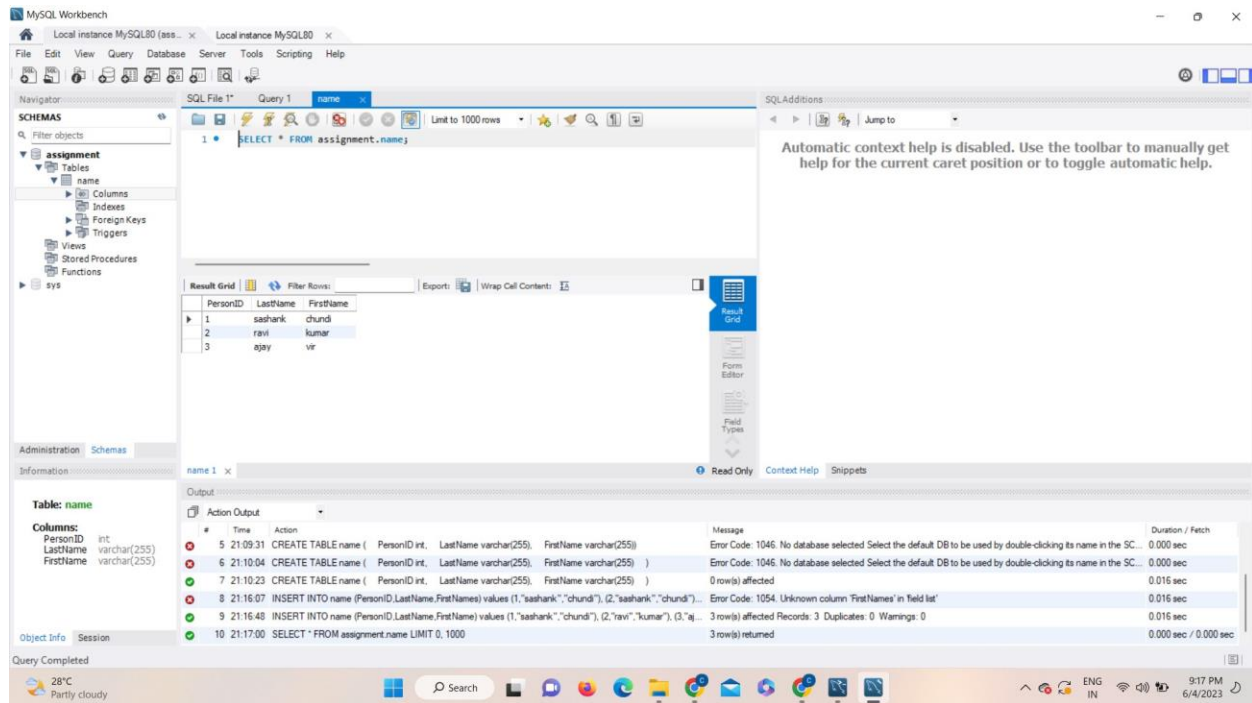
Package Explorer
> _pasted_code_
> Algorithms
> ArrayList
> Arrays_July
> AVL
> CIL
> Core_java
  > src
    > first
      > JDBC_assignment.java
    > JRE System Library [JavaSE-15]
    > Referenced Libraries
  > Crack coding
  > DSA
  > Email_administration_application
  > exception Handling
  > Factorial
  > gfg
  > hashset
  > Java Abstraction
  > LAB 7
  > lab7 stack
  > Linked hash set
  > LinkedList_July
  > LinkedListProject
  > menu 2
  > Mission cll
  > module
  > practice
  > practice docl
  > prat
  > Queue
  > Recursion
  > sashank2
  > stack
  > static key word
  > string
  > sts

Outline
  > first
    > JDBC_assignment
      > main(String[]):void

JDBC_assignment.java
7
8
9
10 ring args[] {
11
12     driver
13     .mysql.jdbc.Driver");
14
15
16     DriverManager.getConnection("jdbc:mysql://localhost:3306/assignment", "root", "Sashank03")
17
18     conn.createStatement();
19
20
21     t.executeQuery("select * from name");
22
23
24     {
25         ntln(rs.getInt(1) + " " + rs.getString(2) + " " + rs.getString(3));
26
27     }
28 }
29
30 {
31
32 }
```

```
<terminated> JDBC_assignment [Java Application] C:\Program Files\Java\jdk-15.0.2\bin\javaw.exe (Jun 4, 2023, 9:38:45 PM - 9:38:48 PM)
Loading class 'com.mysql.jdbc.Driver'. This is deprecated. The new driver class is 'com.mysql.cj.jdbc.Driver'. The driver is auti
1 sashank chundi
2 ravi kumar
3 ajoy vir
```

28°C Partly cloudy 9:38 PM 6/4/2023



CODE:

```
import
java.sql.Connection
;

import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;

public class JDBC_assignment {

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

            // 1.register the driver
            Class.forName("com.mysql.jdbc.Driver");

            // 2.connection
            Connection conn =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/assignment"
            , "root", "Sashank03");

            // 3.Statement
            Statement stmt = conn.createStatement();

            // 4.Execute query
```

```

        ResultSet rs = stmt.executeQuery("select *
from name");

        while (rs.next()) {
            System.out.println(rs.getInt(1) + " " +
rs.getString(2) + " " + rs.getString(3));
        }

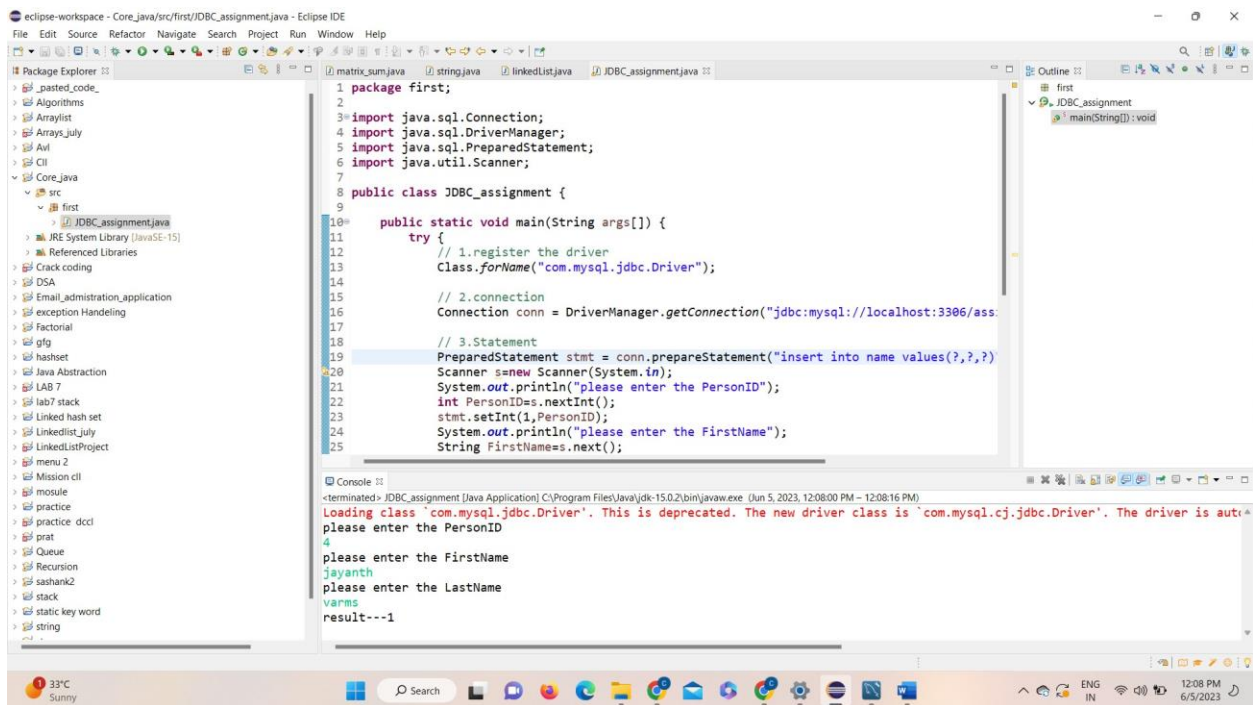
        // 5.close the conenction
        conn.close();
    } catch (Exception e) {

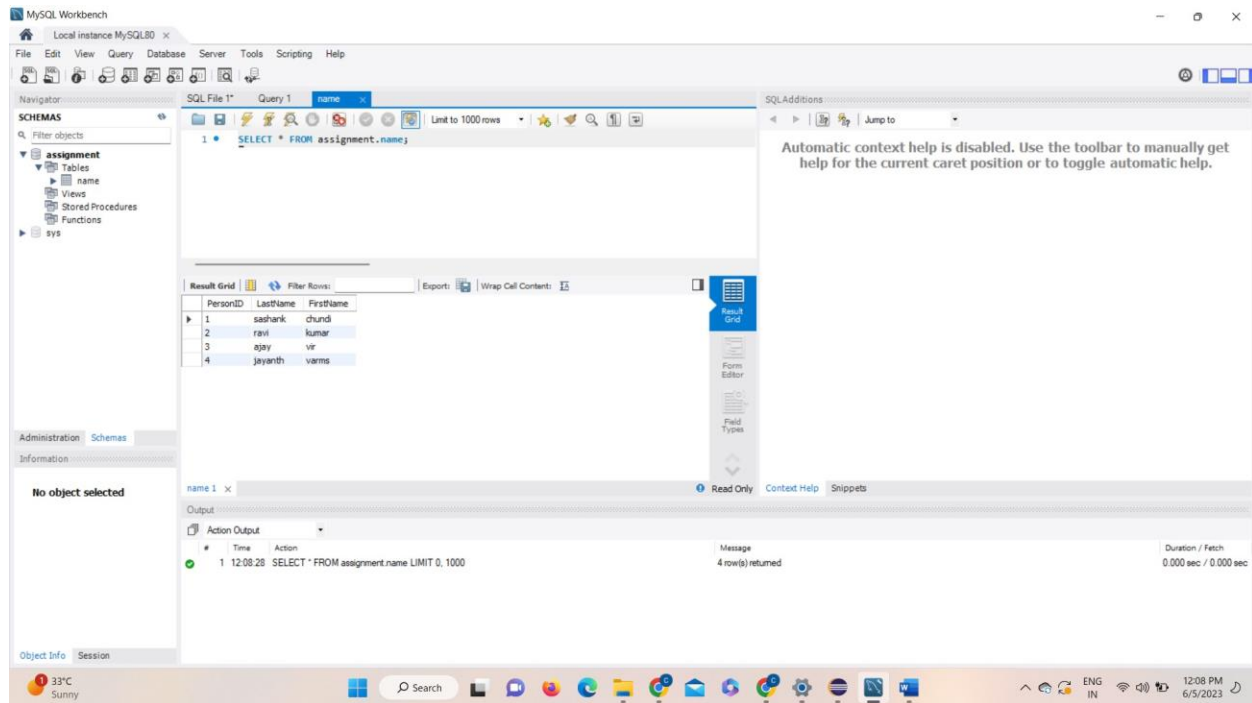
    }

}
}
}

```

## b) Updating the code in order to insertin database





Code:

```
package first;
```

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.util.Scanner;
```

```
public class JDBC_assignment {
```

```
    public static void main(String args[]) {
        try {
```

```
            // 1.register the driver
            Class.forName("com.mysql.jdbc.Driver");
```

```
            // 2.connection
            Connection conn =
```

```
DriverManager.getConnection("jdbc:mysql://localhost:3306/assignment",
    "root", "Sashank03");
```

```
            // 3.Statement
```

```
            PreparedStatement stmt = conn.prepareStatement("insert
into name values(?,?,?)");
```

```
            Scanner s=new Scanner(System.in);
```

```
            System.out.println("please enter the PersonID");
```

```
            int PersonID=s.nextInt();
```

```

        stmt.setInt(1, PersonID);
        System.out.println("please enter the FirstName");
        String FirstName=s.next();
        stmt.setString(2, FirstName);
        System.out.println("please enter the LastName");
        String LastName =s.next();
        stmt.setString(3,LastName );

        // 4.Execute query
        int result = stmt.executeUpdate();

        System.out.println("result---"+result);

        // 5.close the conenction
        conn.close();
    } catch (Exception e) {
        e.printStackTrace();
    }
}
}

```