JDBC(Java Database Connectivity)

1. After installing the database make the username and the password if not asked while installing otherwise it will give the the unauthentication related error
2. We can directly get the sentences related to the change in the database by the help of the mysql workbench
3. And for further info refer mysql info
4. For using the jdbc we first need to add the jar file of the mysql connector to the project
5. We have to write all the commands related to the jdbc in the try catch as they give the exception
6. The we have to write the following commands in the file

Class.forName(“com.mysql.cj.jdbc.Driver”);

static Connection connection=DriverManager.getConnection(“jdbc:mysql://localhost:3307/<databaseName>”);

1. For fetching the details from the database

String sql=”select \* from <table-name>”;

Statement statement=connection.createStatment();

ResultSet resultSet=statement.executeQuery(sql);

While(resultSet.next())

{

U\_no=resultSet.getInt(“u\_no”);

}

1. For saving the data in the database the following statement are used :

String sql=”insert into table(loan\_num, period, rate) values (?,?,?)”;

PreparedStatment preparedStatment =connection.createStatment(sql);

preparedStatment.setInt(1,loan\_num);

preparedStatment.setDouble(2,period);

preparedStatment.setInt(3,rate);

int i=preparedStatment.execute();