**SELECT**

**EXAMPLE**

package p1;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

import java.sql.Statement;

import java.sql.ResultSet;

import java.util.Scanner;

public class SelectExample {

public static void main(String[] args) throws ClassNotFoundException, SQLException{

Scanner sc = new Scanner(System.in);

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "system", "manager");

Statement st = con.createStatement();

System.out.print("Enter Course: ");

String course = sc.nextLine();

String q = "select rno, name, fees from student where course='"+course+"'";

ResultSet rs = st.executeQuery(q);

System.out.println("RNO\tNAME\tFEES");

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

while(rs.next()){

System.out.println(rs.getInt(1)+"\t"+rs.getString(2)+"\t"+rs.getInt(3));

//System.out.println(rs.getInt("rno")+"\t"+rs.getString("name")+"\t"+rs.getInt("fees"));

}

rs.close();

con.close();

}

}

Example:

package p1;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

import java.sql.Statement;

import java.sql.ResultSet;

import java.util.Scanner;

public class SelectExample {

public static void main(String[] args) throws ClassNotFoundException, SQLException{

Scanner sc = new Scanner(System.in);

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "system", "manager");

Statement st = con.createStatement();

System.out.print("Enter rno: ");

int rno = sc.nextInt();

String q = "select name, course, fees from student where rno="+rno;

ResultSet rs = st.executeQuery(q);

if(rs.next()){

//System.out.println("Name:\t"+rs.getString(1));

System.out.println("Name:\t"+rs.getString("name"));

System.out.println("Course:\t"+rs.getString("course"));

System.out.println("Fees:\t"+rs.getInt("fees"));

}else{

System.out.println("Rno "+rno+" is not found");

}

rs.close();

con.close();

}

}

**LOGIN TABLE:**

SQL> create table login(username varchar2(30) primary key, password varchar2(30) not null);

**Example:**

package p1;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

import java.sql.Statement;

import java.sql.ResultSet;

import java.util.Scanner;

public class LoginTest {

public static void main(String[] args) throws ClassNotFoundException, SQLException{

Scanner sc = new Scanner(System.in);

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "system", "manager");

Statement st = con.createStatement();

System.out.print("Enter Username: ");

String username = sc.nextLine();

System.out.print("Enter Password: ");

String password = sc.nextLine();

String q = "select \* from login where username='"+username+"' and password='"+password+"'";

ResultSet rs = st.executeQuery(q);

if(rs.next()){

System.out.println("Login Success");

}else{

System.out.println("Login Failed");

}

con.close();

}

}

----------------------or-------------------

package p1;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

import java.sql.Statement;

import java.sql.ResultSet;

import java.util.Scanner;

public class Login {

public static void main(String[] args) throws ClassNotFoundException, SQLException{

Scanner sc = new Scanner(System.in);

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "system", "manager");

Statement st = con.createStatement();

System.out.print("Enter Username: ");

String username = sc.nextLine();

System.out.print("Enter Password: ");

String password = sc.nextLine();

String q = "select \* from login where username='"+username+"'";

ResultSet rs = st.executeQuery(q);

if(rs.next()){

if(rs.getString("password").equals(password)){

System.out.println("Login Success");

}else{

System.out.println("Login Failed");

}

}else{

System.out.println("Login Failed");

}

con.close();

}

}