
 <b>Marwadi University</b> Marwadi Chandarana Group		<b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>	
<b>Subject: Advanced Java</b> <b>(01CT1623)</b>		<b>Aim:</b> WAP that will retrieve data from Database and display on Console screen. (JDBC)	
<b>Experiment No:- 01</b>	<b>Date :-</b>	<b>Enrollment No:- 92200133030</b>	

**Objective:-** WAP that will retrieve data from Database and display on Console screen. (JDBC)

### **Code :-**

```
package org.example;

import com.mysql.jdbc.Driver;



import java.sql.*;

public class App {

    public static void main(String[] args) {
        try {
            Class.forName("com.mysql.jdbc.Driver");
            Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost:3306/ajt_practicle" , "root" , "");
            Statement statement = connection.createStatement();
            String Fetchquery = "SELECT * FROM Student_Table";
            ResultSet resultSet = statement.executeQuery(Fetchquery);

            while(resultSet.next()) {
                System.out.println("Student Name :- " + resultSet.getString(1));
                System.out.println("Enrollment Number :- " + resultSet.getString(2));
                System.out.println("Semester :- " + resultSet.getString(3));
                System.out.println("Class :- " + resultSet.getString(4));
                System.out.println("Batch :- " + resultSet.getString(5));
                System.out.println("Email ID :- " + resultSet.getString(6));
                System.out.println("Password :- " + resultSet.getString(7));
                System.out.println("_____");
            }

        } catch (ClassNotFoundException | SQLException e) {
            throw new RuntimeException(e);
        }
    }
}
```

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## Output:-

```

Run App x
"C:\Program Files\Java\jdk-22\bin\java.exe" "-javaagent:D:\IntelliJ IDEA\Setup\lib\idea_rt.jar=53532:D:\IntelliJ IDEA\Setup\bin" -Dfile.encoding=UTF-8 -Dsun.stdout.encoding=UTF-8
Student Name :- Ritesh Sanchala
Enrollment Number :- 92200133001
Semester :- 6
Class :- TK1
Batch :- A
Email ID :- ritesh@gmail.com
Password :- ritesh

-----
Student Name :- Krish Mamtara
Enrollment Number :- 92200133022
Semester :- 6
Class :- TK1
Batch :- A
Email ID :- krish@gmail.com
Password :- krish

-----
Student Name :- Aryan Langhanoja
Enrollment Number :- 92200133030
Semester :- 6
Class :- TK1
Batch :- A
Email ID :- aryan@gmail.com
Password :- aryan

-----
Process finished with exit code 0

```

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 <b>Student_Name</b>	varchar(50)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	2 <b>Enrollment_No</b>	varchar(11)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3 <b>Semester</b>	tinyint(1)		UNSIGNED	No	0			Change  Drop  More
<input type="checkbox"/>	4 <b>Class</b>	varchar(3)	utf8mb4_general_ci		No	TK0			Change  Drop  More
<input type="checkbox"/>	5 <b>Batch</b>	varchar(1)	utf8mb4_general_ci		No	Z			Change  Drop  More
<input type="checkbox"/>	6 <b>Email_Id</b>	varchar(50)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	7 <b>Password</b>	varchar(8)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More

			Student_Name	Enrollment_No	Semester	Class	Batch	Email_Id	Password
<input type="checkbox"/>	Edit	Copy	Delete	Ritesh Sanchala	92200133001	6	TK1	A	ritesh@gmail.com ritesh
<input type="checkbox"/>	Edit	Copy	Delete	Krish Mamtara	92200133022	6	TK1	A	krish@gmail.com krish
<input type="checkbox"/>	Edit	Copy	Delete	Aryan Langhanoja	92200133030	6	TK1	A	aryan@gmail.com aryan