 Marwadi University Marwadi Chandarana Group	NAAC A+	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Subject: Advanced Java (01CT1623)		Aim: WAP that will retrieve data from Database and display on Console screen. (JDBC)	
Experiment No:- 01	Date:- 28-01-2025	Enrollment No:- 92200133030	

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 Student_Name	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	2 Enrollment_No	varchar(11)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 Semester	tinyint(1)		UNSIGNED	No	0			Change Drop More
<input type="checkbox"/>	4 Class	varchar(3)	utf8mb4_general_ci		No	TK0			Change Drop More
<input type="checkbox"/>	5 Batch	varchar(1)	utf8mb4_general_ci		No	Z			Change Drop More
<input type="checkbox"/>	6 Email_Id	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	7 Password	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