 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:- 92200133003	

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/aj_practical" , "root" , "");
            Statement statement = connection.createStatement();
            String Fetchquery = "SELECT * FROM Student";
            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("Email :- " + resultSet.getString(3));
                System.out.println("Department :- " + resultSet.getString(4));
                System.out.println("Password :- " + resultSet.getString(5));
                System.out.println("_____");
            }

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

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Output:-

```
C:\Users\prash\.jdk\openjdk-23.0.1\bin\java.exe "-javaagent:D:\IntelliJ IDEA Community Edit
Student Name :- Prashant Sarvaiya
Enrollment Number :- prashant@gmail.com
Email :- 92200133003
Department :- ICT
Password :- 123456










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Student Name :- Utsav Savaliya
Enrollment Number :- utsav@gmail.com
Email :- 92200142001
Department :- CE
Password :- 101010

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Student Name :- Neel Raiyani
Enrollment Number :- neel@gmail.com
Email :- 92310133019
Department :- ICT
Password :- 555555

-----

Process finished with exit code 0
```

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 username	varchar(50)	utf8mb4_general_ci		No	None			Change Drop
<input type="checkbox"/>	2 email	varchar(50)	utf8mb4_general_ci		No	None			Change Drop
<input type="checkbox"/>	3 enrollment	varchar(11)	utf8mb4_general_ci		No	None			Change Drop
<input type="checkbox"/>	4 department	varchar(10)	utf8mb4_general_ci		No	None			Change Drop
<input type="checkbox"/>	5 password	varchar(8)	utf8mb4_general_ci		No	None			Change Drop

<div><div>↩ T ↪</div><div>▼</div></div>			username	email	enrollment	department	password	
<input type="checkbox"/>	 Edit	 Copy	 Delete	Prashant Sarvaiya	prashant@gmail.com	92200133003	ICT	123456
<input type="checkbox"/>	 Edit	 Copy	 Delete	Utsav Savaliya	utsav@gmail.com	92200142001	CE	101010
<input type="checkbox"/>	 Edit	 Copy	 Delete	Neel Raiyani	neel@gmail.com	92310133019	ICT	555555