

Aim:

To write program to create a web service application and client web service to invoke the web service

Program:

Client.java

```
public class NewMain {

    public static void main(String[] args) {
        // TODO code application logic here
        System.out.println(service("prem",4444));
    }

    private static boolean service(java.lang.String username, int password) {
        weservicespackage.Exp14_Service service = new weservicespackage.Exp14_Service();
        weservicespackage.Exp14 port = service.getExp14Port();
        return port.service(username, password);
    }

}
```

Server.java

```
package weServicesPackage;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.xml.ws.WebService;
import javax.xml.ws.WebMethod;
import javax.xml.ws.WebParam;

@WebService(serviceName = "exp14")
public class exp14 {

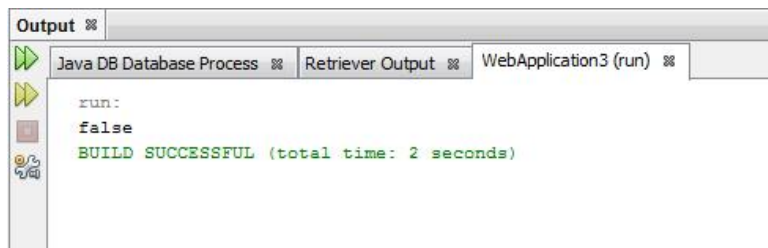
    @WebMethod(operationName = "service")
    public boolean service(@WebParam(name = "username") String
user,@WebParam(name="password") int pw) {
        boolean res=false;
```

```

try{
    Connection c=DriverManager.getConnection("jdbc:derby://localhost:1527/users");
    Statement st=c.createStatement();
    ResultSet rs=st.executeQuery("SELECT * FROM USER111");
    while(rs.next()){
        if(rs.getString(1).equalsIgnoreCase(user) && rs.getInt(2)==pw){
            res= true;
            break;
        }
        else{
            res=false;
        }
    }
}
catch(Exception e){
}
return res;
}
}

```

Output:



service Method invocation

Method parameter(s)

Type	Value
java.lang.String	jeganath
int	4444

Method returned

boolean : "true"

Observation(20)	
Record(5)	
Total(25)	
Initial	

Result:

Thus,the program to create a xml document and style it using xstl is written,executed and the output is verified.