

CBSE SITE/JAVA PROJECT

- *BRIEF PROJECT*
 - *HOW IT WORKS?*
 - *TECHNOLOGY USED*
 - *SOFTWARE USED*
-

1. Brief About Project

- This project represents the same scenario where students do check their results on some official site after their 10th or 12th board.

Student (part):-

- So ,it's the server based project where student have to fill his/her name and unique id(which school has provided them)and after clicking on submit button ,they can view their overall result.

Admin (part):-

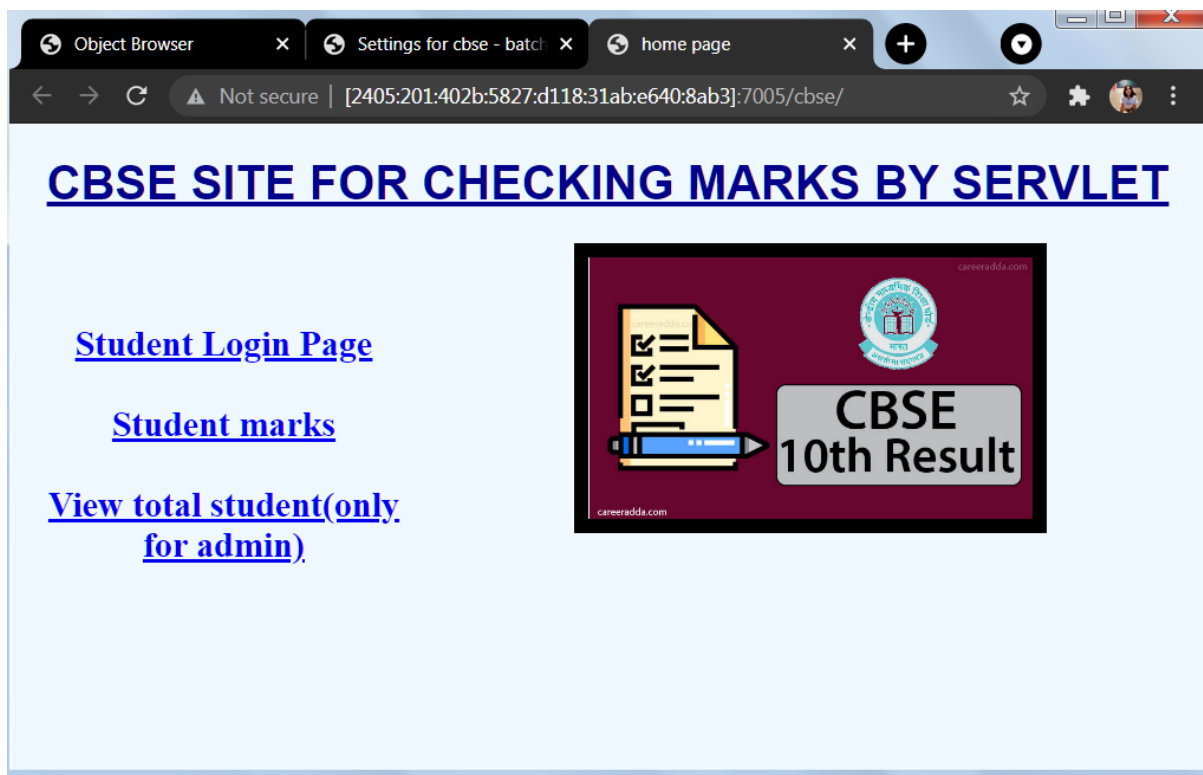
- Admin have access to view all student details and marks ,but before that admin also have to go

through admin login criteria .If he /she is the true admin only then can perform their action.

2. How it works?

The working is defined in following steps for the better understanding.

Step 1:- Home Page will occur as shown below.



There is three links provided. Student have to click on first link (i.e. Student Login Page) . Then just fill the required details and click on submit button to view your marksheet.

Object Browser x Settings for cbse - batch x [2405:201:402b:5827:d1 x +

Not secure | [2405:201:402b:5827:d118:31ab:e640:8ab3]:7005/cbse/login.html

Enter the Student-name :

enter the Student-id

here you go with result...

Not secure | [2405:201:402b:5827:d118:31ab:e640:8ab3]:7005/cbse/login

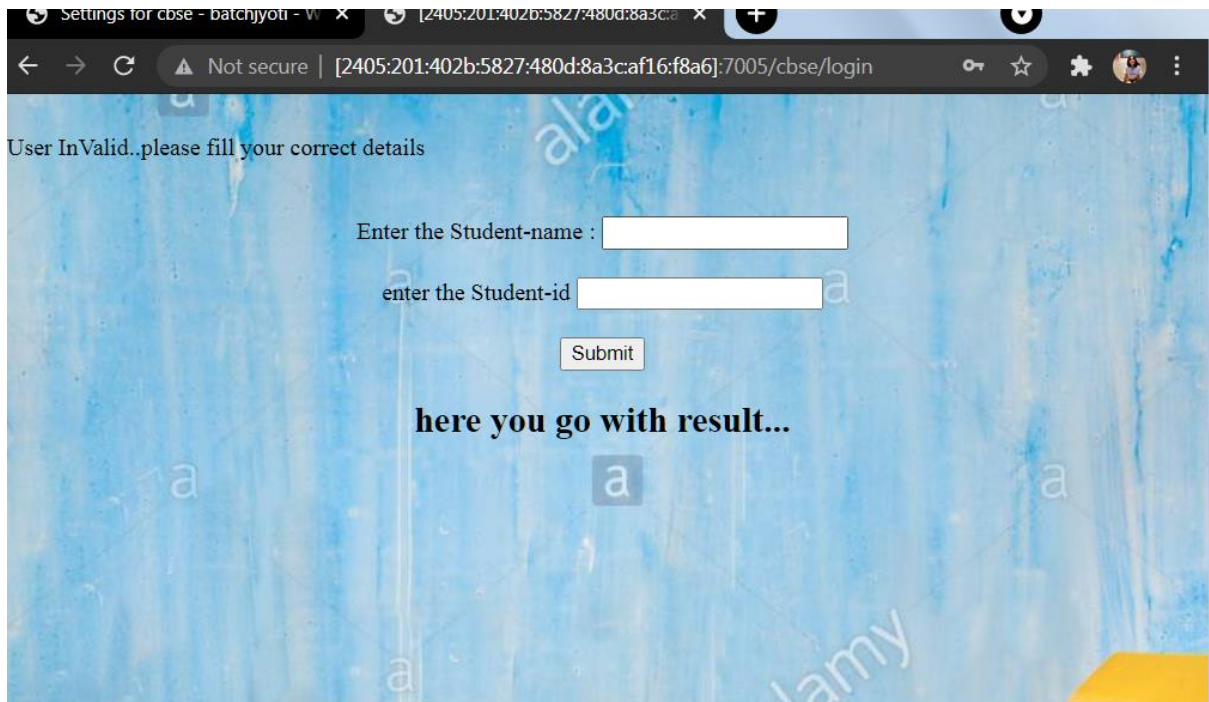
mansi marksheet..

subject	marks
computer	90
math	80
hindi	60
English	80
science	79

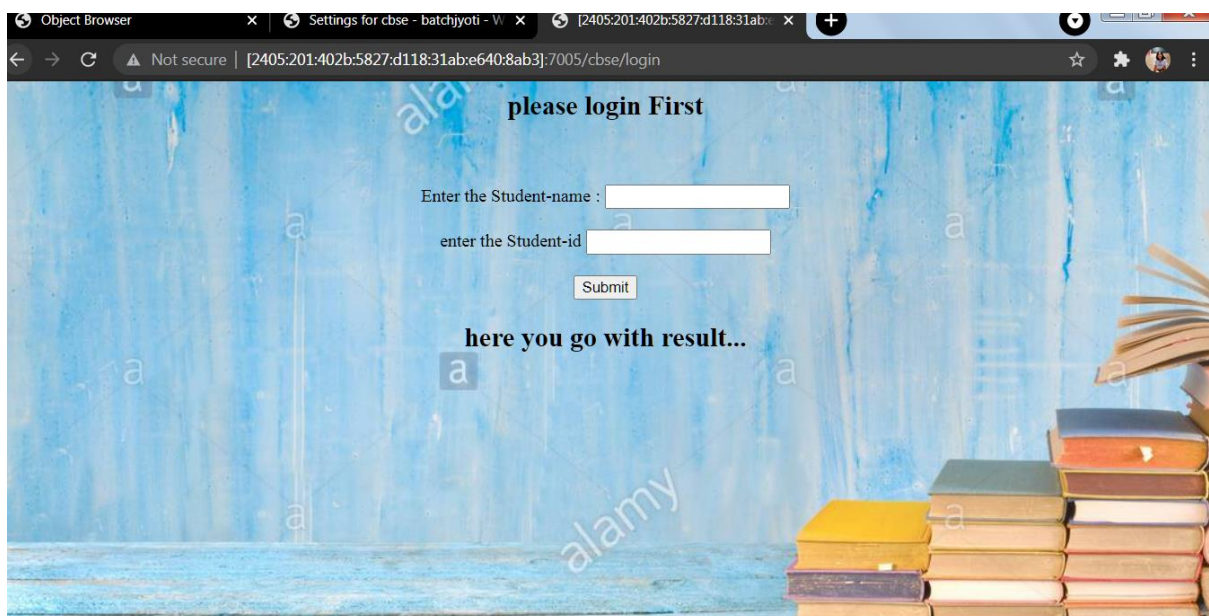
Overall Marks Scored = 389/500

Can do better!! you got C grade

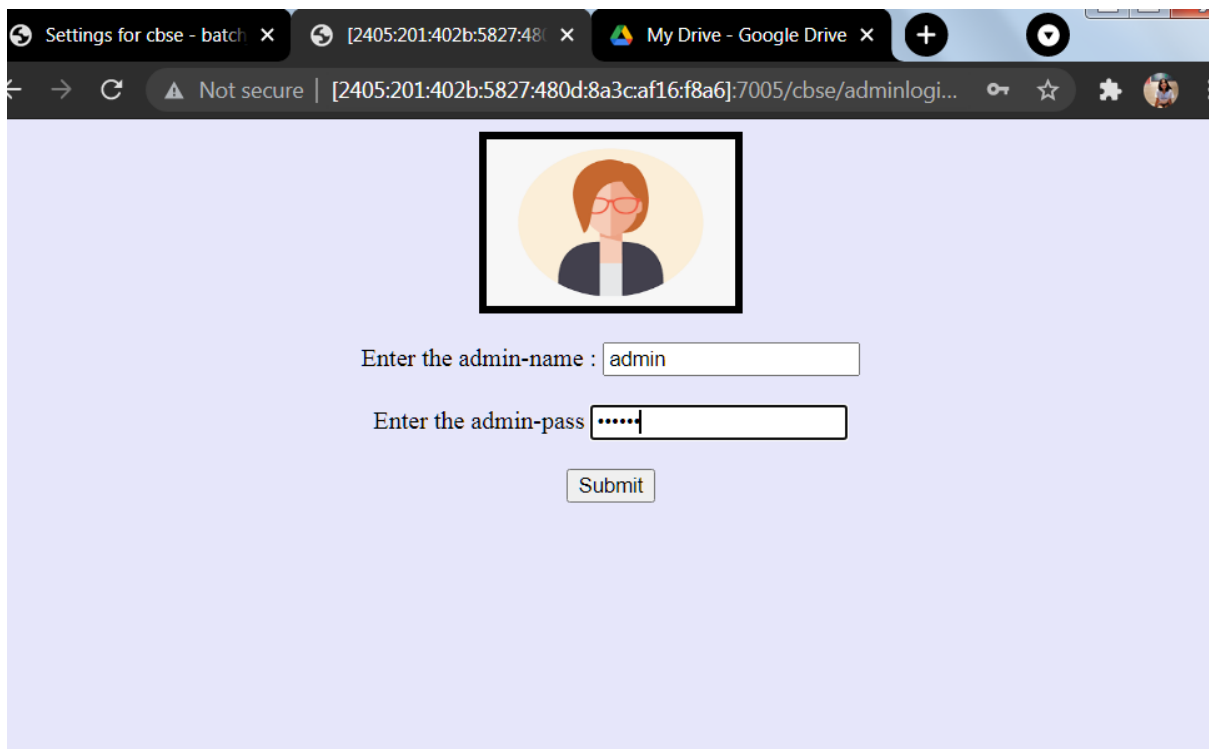
Step 2:-If you have entered wrong details it will take you to again login page by saying "*User InValid..please fill your correct details*".



Step 3:- If student directly approach to see the marksheet by clicking on 2nd link ,then link will direct student to the login page. After login procedure, only then student can check their marks .




Step 4:-Third link is for admin one. On clicking of that link , admin has to first go through Admin login criteria .And then by clicking on submit button admin can view all student details.



Settings for cbse - batch x [2405:201:402b:5827:48] x My Drive - Google Drive x

Not secure | [2405:201:402b:5827:480d:8a3c:af16:f8a6]:7005/cbse/adminlogi...

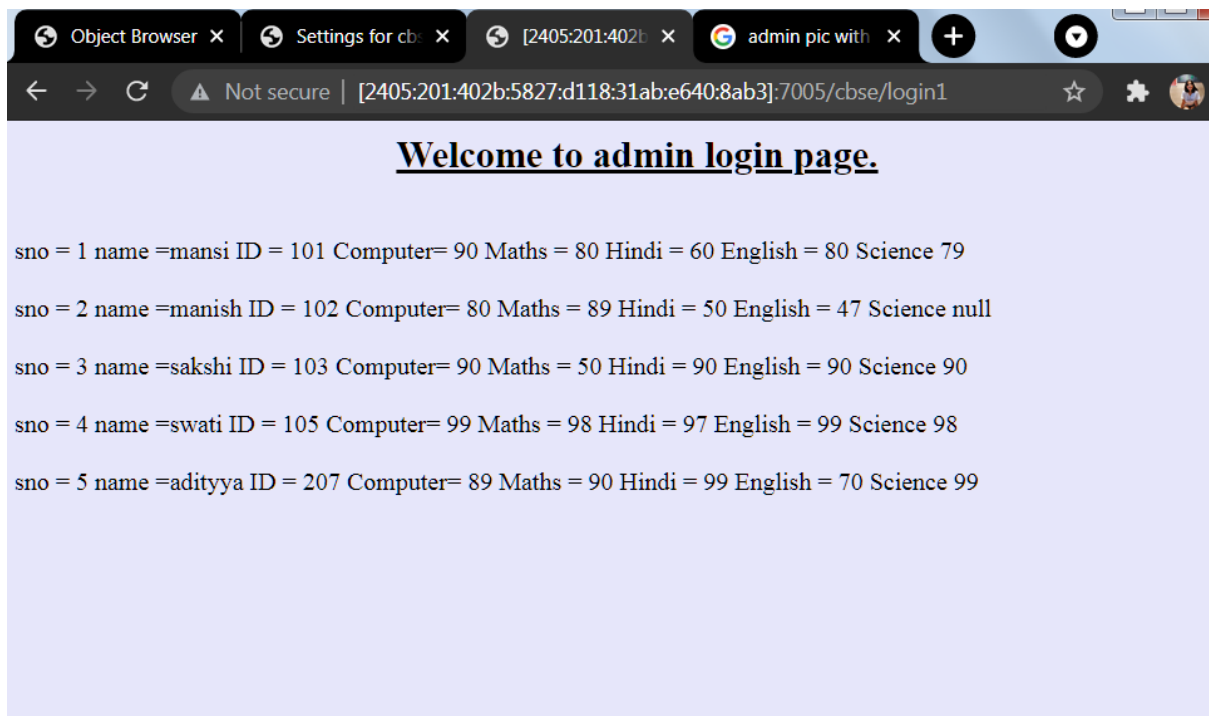


Enter the admin-name : admin

Enter the admin-pass

Submit

Step 5:-IF Admin has correctly login with all his/her correct details ,then clicking on submit button all the details of student will appear.



3. Technology Used

- **Back-End Development**

- Java [JDK 8+]
- JDBC
- Servlet
- SQL
- Apache Tomcat server
- Oracle 10g Database

- **Front-End Development:**

- Html.
- Javascript

4. Software Used

- Oracle 10g
- Eclipse [Enterprise Edition]
- Java [JDK 8+]
- Tomcat v8.0+
- Apache Tomcat (9)

5. Dummy Database used

The screenshot shows the Oracle Database Express Edition Object Browser interface. The browser is displaying the structure of the **STUDENT_RESULT** table. The table has the following columns:

Column Name	Data Type	Nullable	Default	Primary Key
STDNAME	VARCHAR2(4000)	Yes	-	-
STDID	VARCHAR2(4000)	Yes	-	-
COMPUTER	NUMBER	Yes	-	-
MATH	NUMBER	Yes	-	-
HINDI	NUMBER	Yes	-	-
ENGLISH	NUMBER	Yes	-	-
SCIENCE	NUMBER	Yes	-	-

The interface also shows a sidebar with a search bar containing 'stud' and a list of tables including STUDENT, STUDENT2, and STUDENT_RESULT. The top navigation bar includes links for Home and Logout.

Object Browser New Tab +

127.0.0.1:8080/apex/f?p=4500:1001:4458114416625393::NO::

ORACLE Database Express Edition

User: SYSTEM

Home > Object Browser

Tables Stud

STUDENT
STUDENT2
STUDENT_RESULT

STUDENT_RESULT

Table **Data** Indexes Model Constraints Grants Statistics UI Defaults Triggers Depend

Query Count Rows Insert Row

EDIT	STDNAME	STDID	COMPUTER	MATH	HINDI	ENGLISH	SCIENCE
	mansi	101	90	80	60	80	79
	manish	102	80	89	50	47	-
	sakshi	103	90	50	90	90	90
	swati	105	99	98	97	99	98
	adityya	207	89	90	99	70	99

row(s) 1 - 5 of 5

[Download](#)

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Thank you!!