



UNIVERSITY MALAYSIA TERENGGANU
FACULTY OF COMPUTER SCIENCE AND MATHEMATICS
WEB BASED APPLICATION DEVELOPMENT

CSM3023 (K1)

Lab Report 6

Prepared by:

NURHAZIRAH BINTI ABDULLAH (S68144)

Prepared for:

ENCIK MOHD ARIZAL SHAMSIL MAT RIFIN

[BACHELOR OF COMPUTER SCIENCE (MOBILE COMPUTING)]

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Task1

The screenshot displays the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar shows the 'SCHEMAS' tab with a tree view of the database structure, including 'state', 'zip', 'Indexes', 'Foreign Keys', 'Triggers', and 'firsttable'. The 'Table: author' is selected, showing its columns: 'name' (varchar(40), PK), 'address' (varchar(40)), 'city' (varchar(40)), 'state' (varchar(40)), and 'zip' (varchar(40)).

The central 'Query Editor' shows a query named 'Query 1' with the following SQL statement:

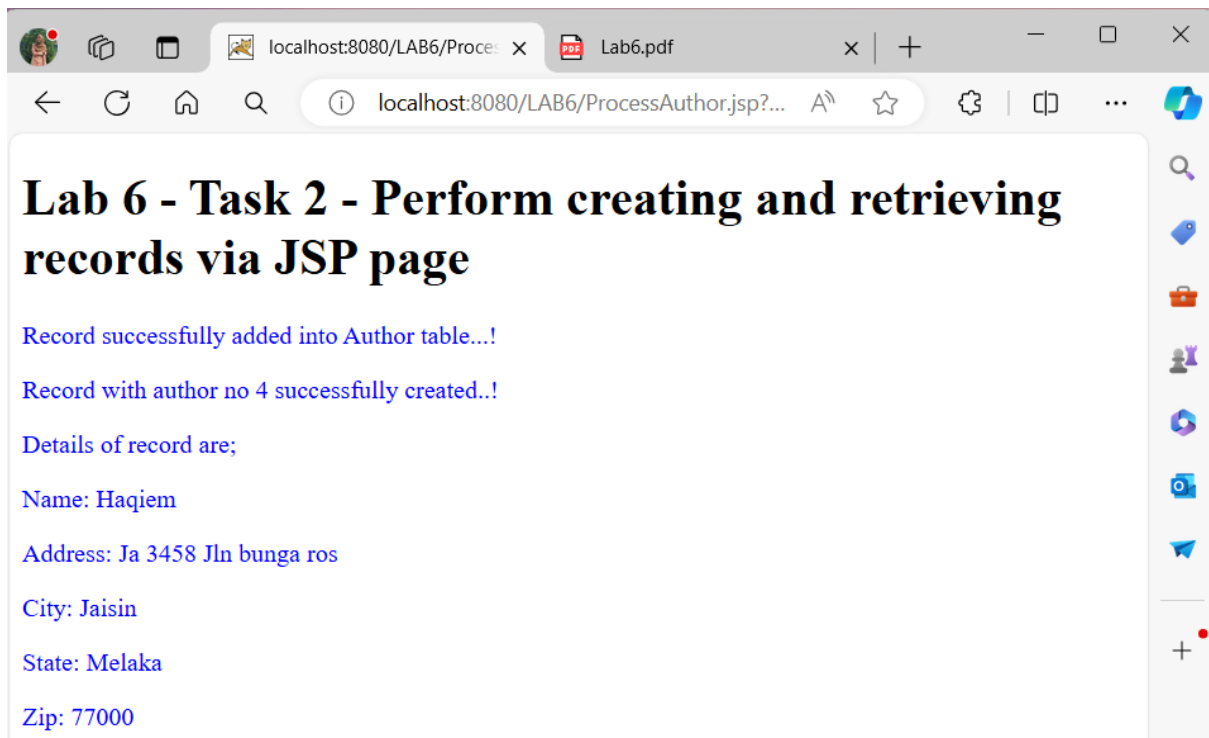
```
SELECT * FROM csf3108.firsttable;
```

The 'Result Grid' on the right displays the results of the query. It shows a table with one column, 'name', and six rows of data. The first row is highlighted. The 'Output' pane at the bottom shows the execution log, indicating that the query was executed successfully and returned 6 rows.

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

#	Time	Action	Message	Duration / Fetch
1	14:04:54	SELECT * FROM csf3108.author LIMIT 0, 500	0 row(s) returned	0.000 sec / 0.000 sec
2	14:06:27	SELECT * FROM csf3108.firsttable LIMIT 0, 500	6 row(s) returned	0.000 sec / 0.000 sec

Task 2:



Lab 6 - Task 2 - Perform creating and retrieving records via JSP page

Record successfully added into Author table...!

Record with author no 4 successfully created..!

Details of record are;

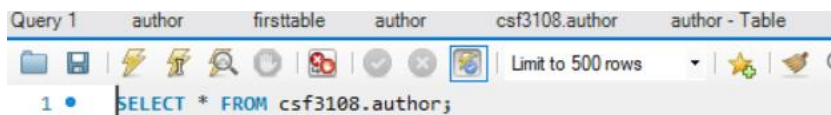
Name: Haqiem

Address: Ja 3458 Jln bunga ros

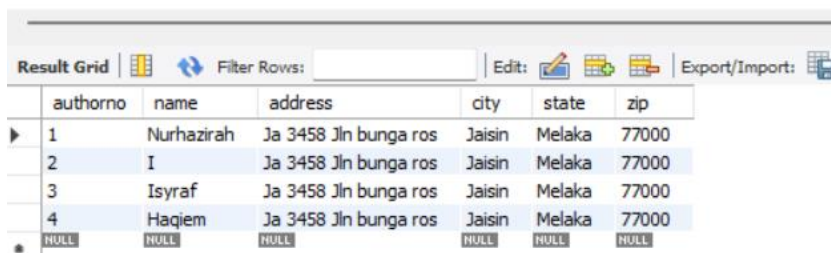
City: Jaisin

State: Melaka

Zip: 77000



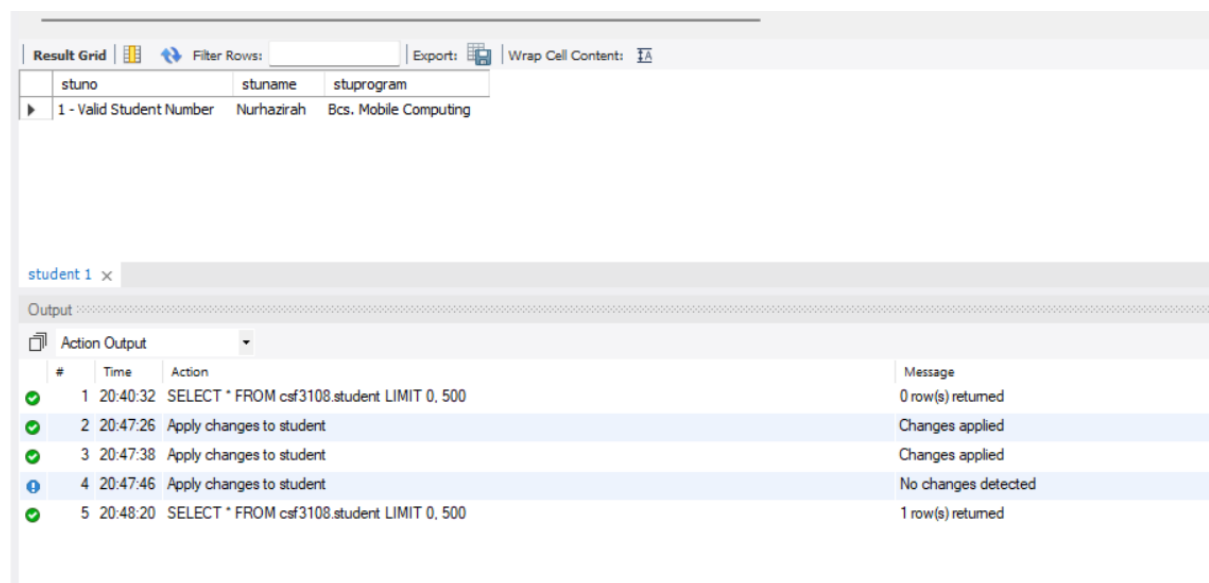
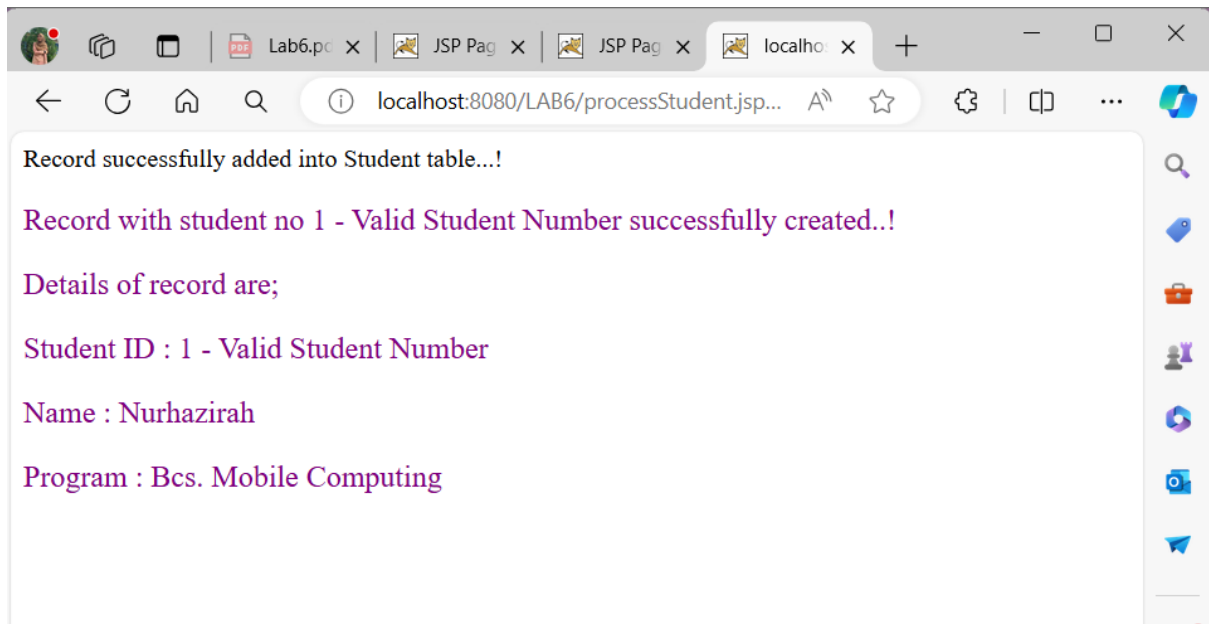
```
Query 1  author  firsttable  author  csf3108.author  author - Table
Limit to 500 rows
1 • SELECT * FROM csf3108.author;
```



	authorno	name	address	city	state	zip
1	1	Nurhazirah	Ja 3458 Jln bunga ros	Jaisin	Melaka	77000
2	2	I	Ja 3458 Jln bunga ros	Jaisin	Melaka	77000
3	3	Isyraf	Ja 3458 Jln bunga ros	Jaisin	Melaka	77000
4	4	Haqiem	Ja 3458 Jln bunga ros	Jaisin	Melaka	77000
*	NULL	NULL	NULL	NULL	NULL	NULL

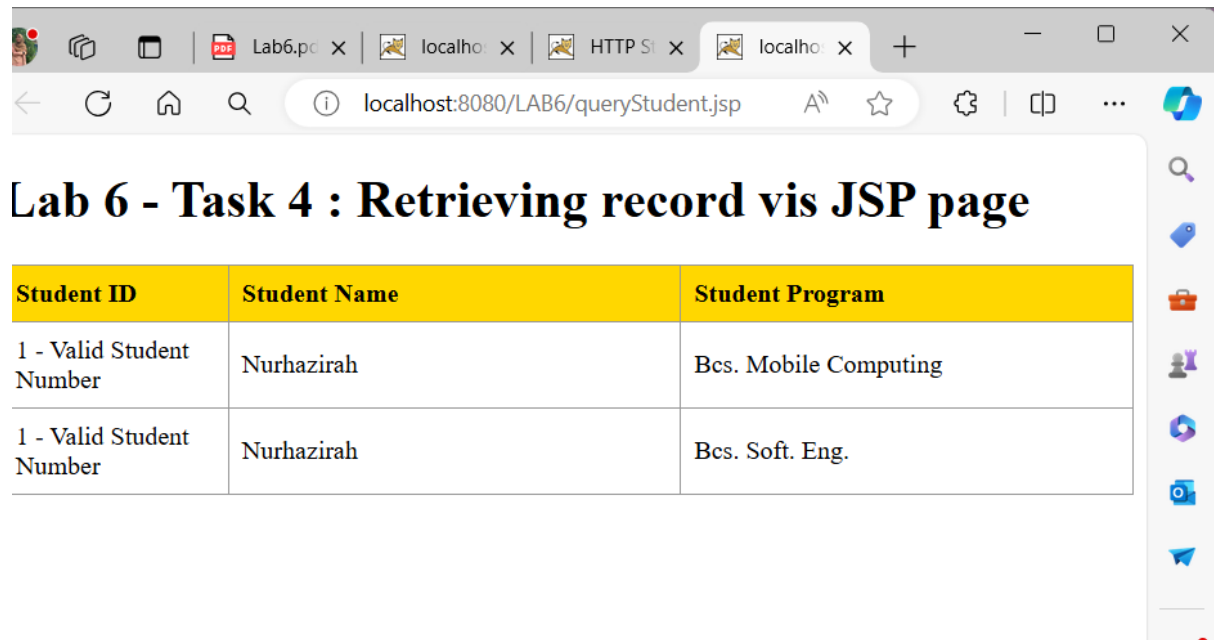
1. What have you learnt from this exercise?
To create and retrieving records via JSP page

Task 3:



- What have you learnt from this exercise?
Create Records Constrained by Regular Expression In JSP

Task 4

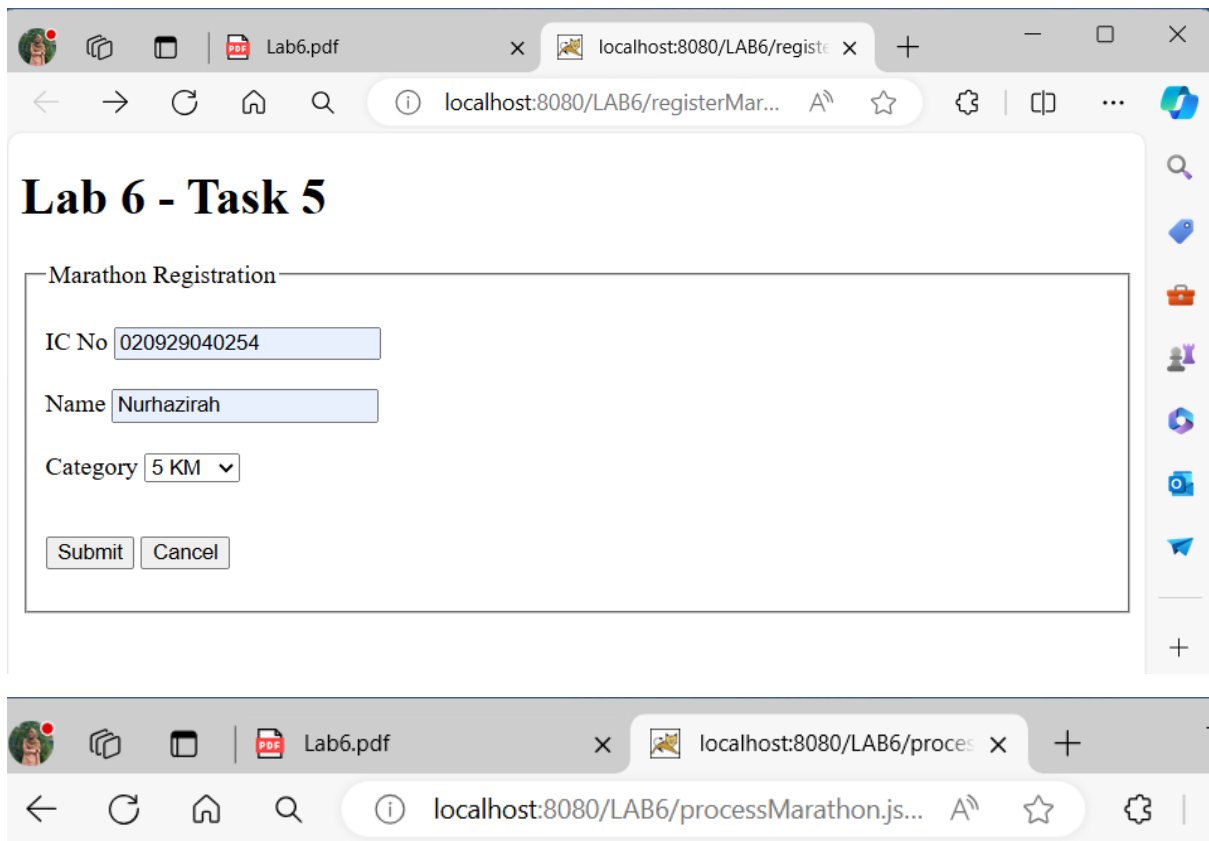


The screenshot shows a web browser window with the address bar displaying `localhost:8080/LAB6/queryStudent.jsp`. The page title is "Lab 6 - Task 4 : Retrieving record vis JSP page". Below the title is a table with three columns: "Student ID", "Student Name", and "Student Program". The table contains two rows of data.

Student ID	Student Name	Student Program
1 - Valid Student Number	Nurhazirah	Bcs. Mobile Computing
1 - Valid Student Number	Nurhazirah	Bcs. Soft. Eng.

1. What have you learnt from this exercise?
Perform Retrieving Records Via JSP Page

Task 5



The screenshot shows a web browser window with two tabs. The active tab is titled 'localhost:8080/LAB6/registerMar...' and displays a form titled 'Lab 6 - Task 5'. The form is titled 'Marathon Registration' and contains the following fields:

- IC No: 020929040254
- Name: Nurhazirah
- Category: 5 KM (dropdown menu)

At the bottom of the form are two buttons: 'Submit' and 'Cancel'.

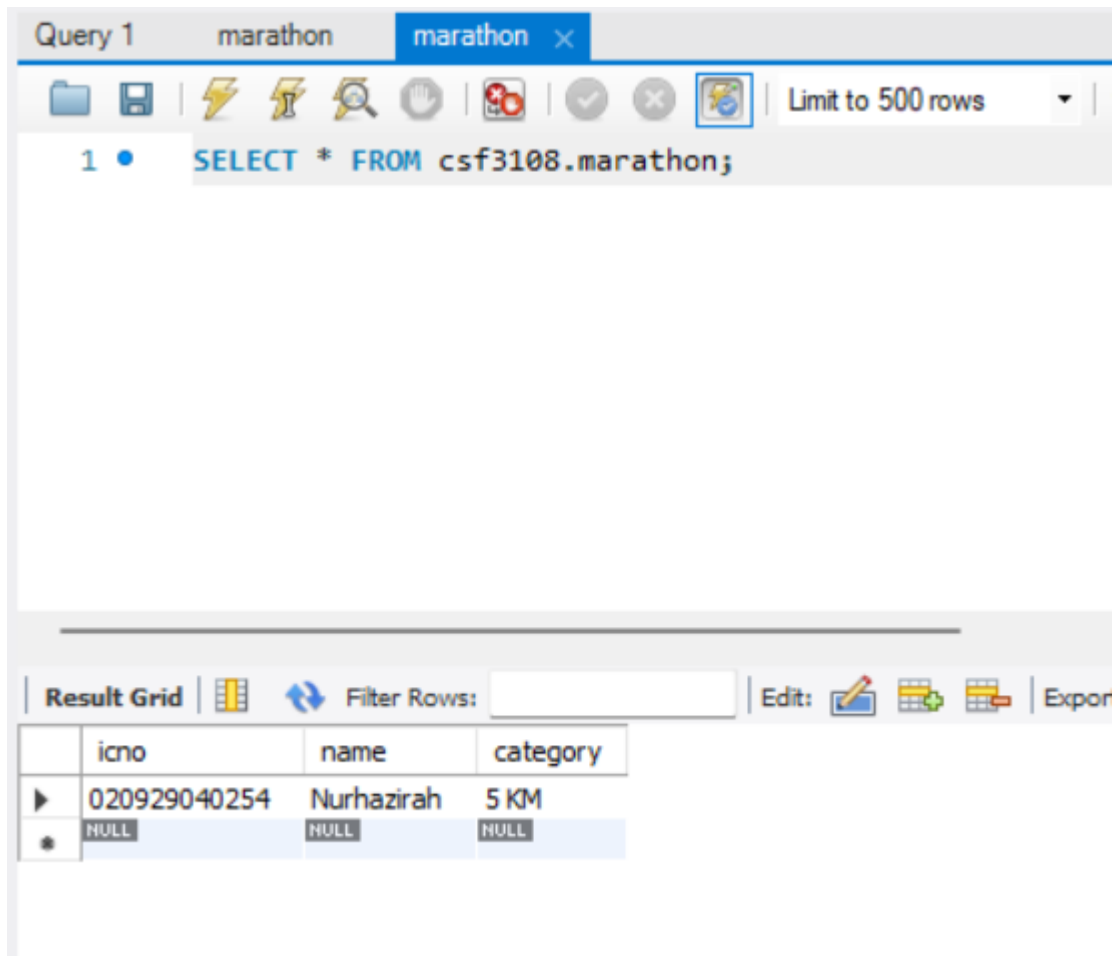
Record with IC No 020929040254 successfully created..!

Details of record are;

IC No : 020929040254

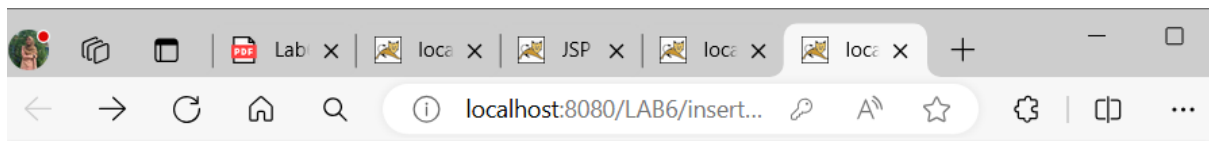
Name : Nurhazirah

Category : 5 KM



1. What have you learnt from this exercise?
To Create A Record Using JSP Model 1.
2. Describe the benefits of using JavaBeans.
A JavaBean can be registered to receive events from other objects. However, we can also generate events that can be sent to other objects.

Exercise



EXERCISE - NO 2

User Registration

Username	<input type="text" value="zira"/>
Password	<input type="password" value="...."/>
First Name	<input type="text" value="zira"/>
Last Name	<input type="text" value="rara"/>
<input type="button" value="Submit"/> <input type="button" value="Cancel"/>	