

DBMS MINI PROJECT

Project title: Online Quiz Page

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Problem Statement: Create an online quiz page for users to participate using PHP and SQL.

Software Requirements:

- Front end: HTML, CSS, JavaScript
- Back end:PHP,SQL
- Xampp server

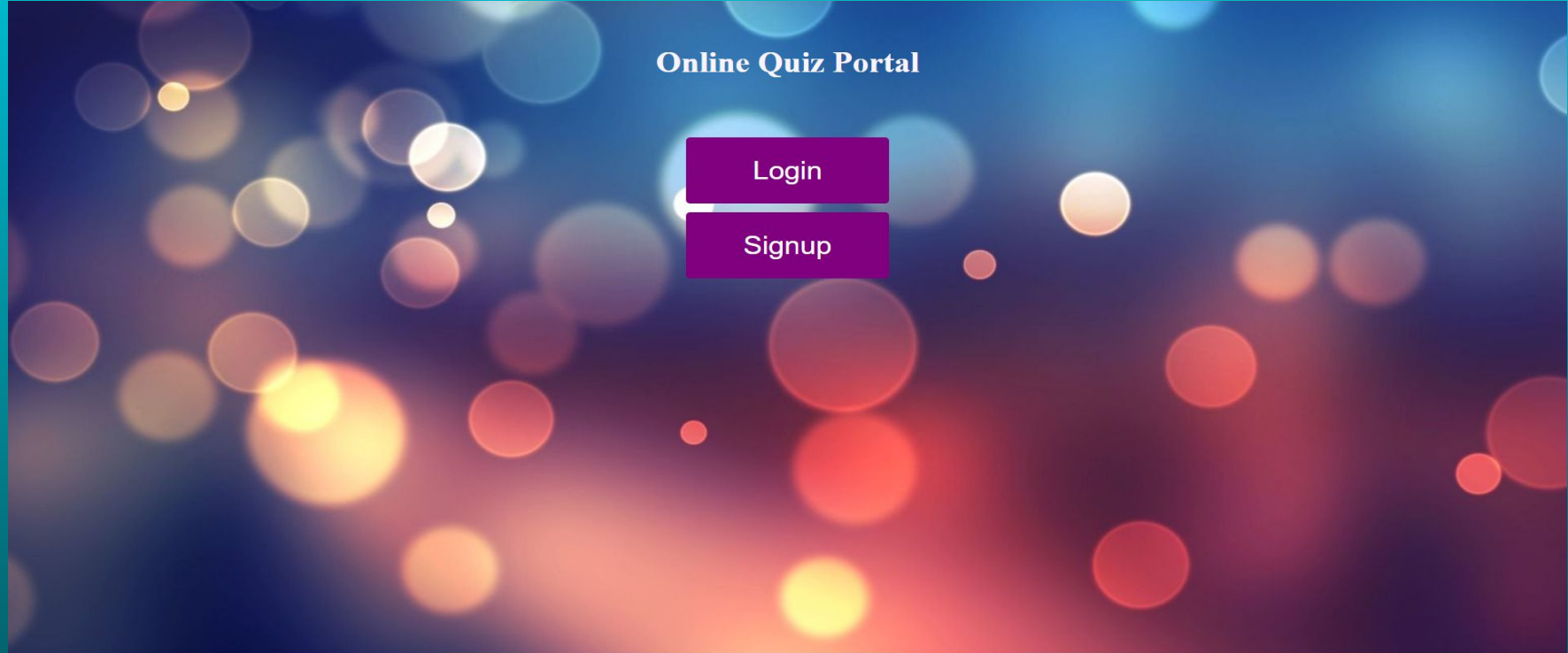
Project Objective:

The online quiz page is an interactive online examination pattern of MCQ type.The online quiz page system requires the users to sign up if not registered already.

This is to ensure that the users details are stored in the database.The login gets the user's id and password. This id is verified with the database server. When the user logs in to the server he/she gets his/her profile which is already registered. The quiz is time-bound. Once the user clicks the submit button, the test is evaluated and the final scores are printed as well as updated in the database server.

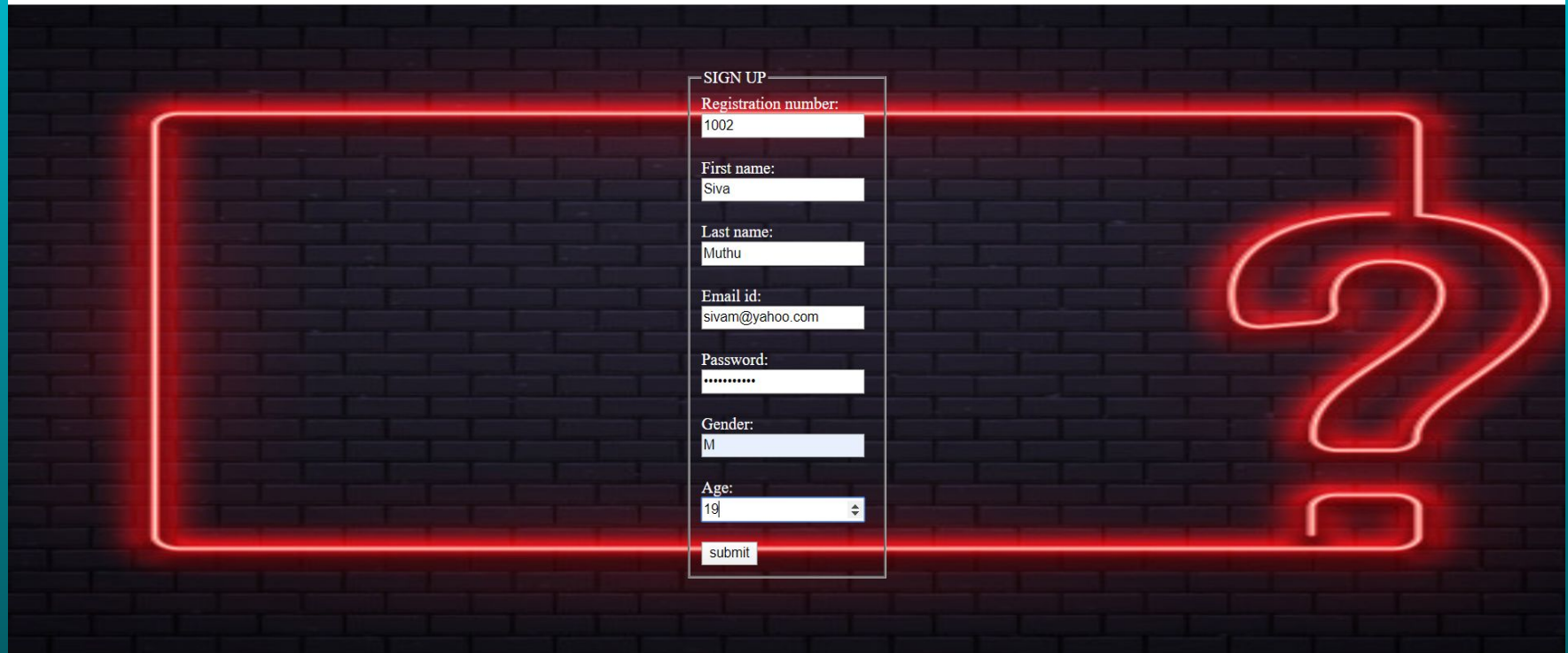
HOMEPAGE:

The user can sign in, if not an existing member. Or login in case of an existing member



SIGNUP:

The signup page collects information about the user such as registration number, first name, last name, email id, password, gender, age. Once the user hits the submit button his data is entered in the **userdetails** table of the **quiz login** database. It is redirected back to the home page.



SIGN UP

Registration number:
1002

First name:
Siva

Last name:
Muthu

Email id:
sivam@yahoo.com

Password:

Gender:
M

Age:
19

submit

DATABASE: QUIZ LOGIN TABLE: USERDETAILS

Once the user enters his details in the signun portal his details are stored in the database

localhost/data/signin_get.php x Untitled document - Google Doc x +

localhost/data/signin_get.php

Records added successfully. [Click here to go to the home page](#)

localhost/phpmyadmin/sql.php?db=quiz+login&table=userdetails&pos=0

phpMyAdmin

Recent Favorites

- New
- information_schema
- mysql
- performance_schema
- phpmyadmin
- quiz login
 - New
 - userdetails
 - userscores
 - test

Server: 127.0.0.1 » Database: quiz login » Table: userdetails

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

			Rollno	FirstName	LastName	email	password	Gender	Age	
<input type="checkbox"/>	Edit	Copy	Delete	1001	Sita	Ramesh	sita123@yahoo.com	sita123!	F	20
<input type="checkbox"/>	Edit	Copy	Delete	1002	Siva	Muthu	sivam@yahoo.com	sivamuth@2	M	19
<input type="checkbox"/>	Edit	Copy	Delete	1003	Binla	Rahim	binlarah@gmail.com	rahra	F	20
<input type="checkbox"/>	Edit	Copy	Delete	1004	Xinthia	John	xinthia1@yahoo.com	xinxinthia	F	20
<input type="checkbox"/>	Edit	Copy	Delete	1005	Albert	Gilpinoo	albertgili@gmail.com	giliAIS	M	21
<input type="checkbox"/>	Edit	Copy	Delete	1006	Ghajhini	Narayanan	ghajini@gmail.com	123ghajGo	M	21
<input type="checkbox"/>	Edit	Copy	Delete	1007	Thalak	Abhinay	abhinaysuper@gmail.com	superabhi	M	19
<input type="checkbox"/>	Edit	Copy	Delete	1008	Anantha	Raman	anantharaman@gmail.com	ananthaaa	M	21
<input type="checkbox"/>	Edit	Copy	Delete	1009	Shakuntala	Devi	sdevimusic@yahoo.com	devimusica	F	20
<input type="checkbox"/>	Edit	Copy	Delete	1010	Anu	Siva	anusiva@gmail.com	sivanu123	F	20

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

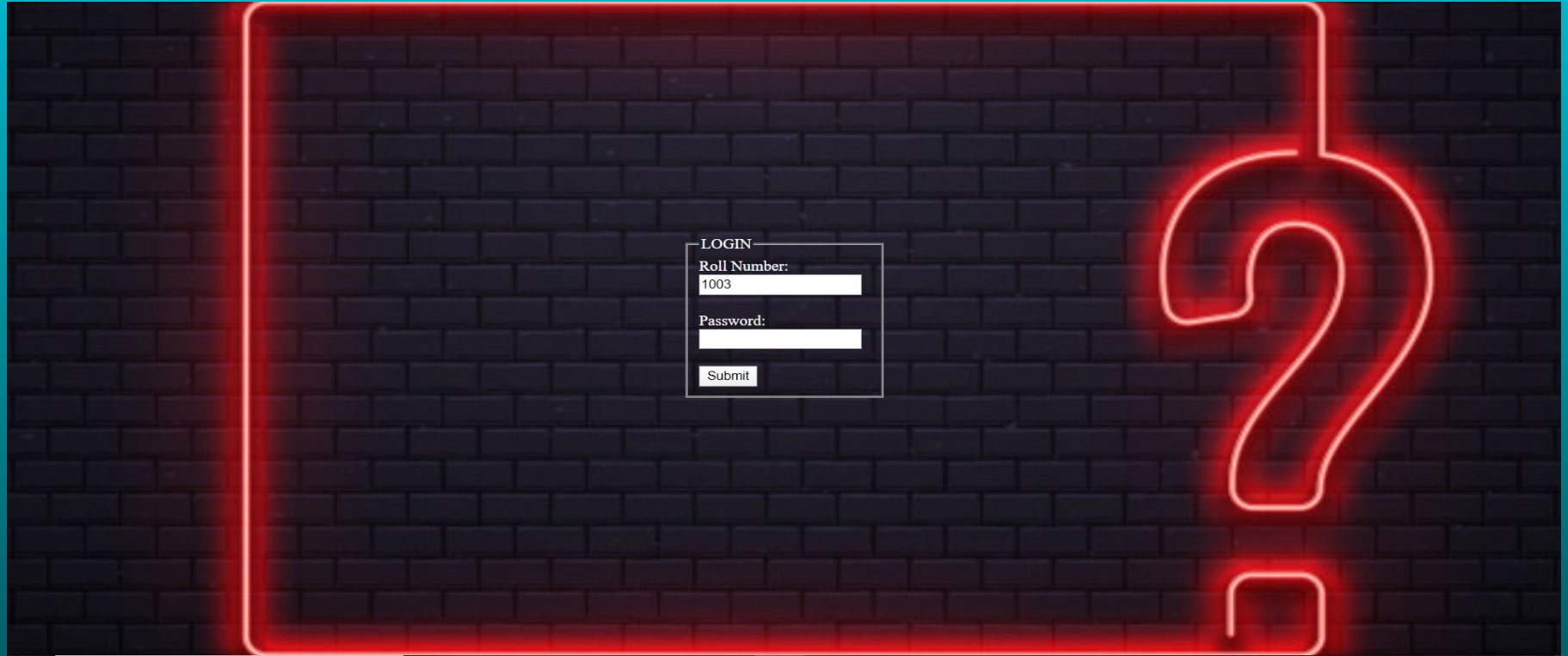
Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Console | Let every user access this bookmark

LOGIN PAGE:

The login page asks for the user's Roll (registration) number and password. It checks with database, if the password pertaining to the registration number is entered correctly. Incase of a wrong password, it is redirected back to the homepage. Incase of a correct password it is redirected to the quiz page.



LOGIN

Roll Number:
1003

Password:

Submit

QUIZ PAGE:

This is the layout of the quiz page. It has a space for entering the registration number. The quiz is time bound (5 minutes). There are 4 options for each question. Session enables the entry into the quiz page only when logged in.

This is a MCQ Test.

Tick only one box. Upon clicking the submit, your marks will be evaluated. You cannot redo your test after this.
Please keep that in mind and click on the submit button only when you're done checking your answers.

Time left!!

239

Registration number:

1004

QUES 1. Who invented Computer?

☐ CHARLES BABBAGE ☐ AT AND T BELL ☐ GRAHAM BELL ☐ MARCONI

QUES 2. Who found html?

- Larry Page
- Tim Berner's lee
- Eric Bina
- Karl Baker

QUES 3. Which is not a datatype in js?

- str
- number
- boolean
- int

QUES 4. Which browser does not support js?

- chrome
- linx
- mozilla
- explorer

QUES 5. Which is not a version of html?

- 1.01
- 2.0
- 3.0
- 4.01

- dynamic
- static
- partially static
- partially dynamic

QUES 8. Who invented javascript?

- gandhi
- edison
- brenden eich
- ramanujam

QUES 9. Which is the correct logo of python?



SCORE BUTTON: This button when clicked, displays the scores.

SUBMIT BUTTON: Verifies if the scores you have entered is right.

SCOREBOARD: Displays the scoreboard and the winner

Click here to logout: Logs out the user and destroys the session



SCORES

Enter your score

SUBMIT

SCOREBOARD

[Click here to logout](#)

The local host says you are out of time when your time limit ends. You cannot continue the quiz.

localhost says
You're out of time!

OK

Tick only one box. Upon clicking the submit, your marks will be evaluated. You cannot redo your test after this.
Please keep that in mind and click on the submit button only when you're done checking your answers.

Time left!!

2

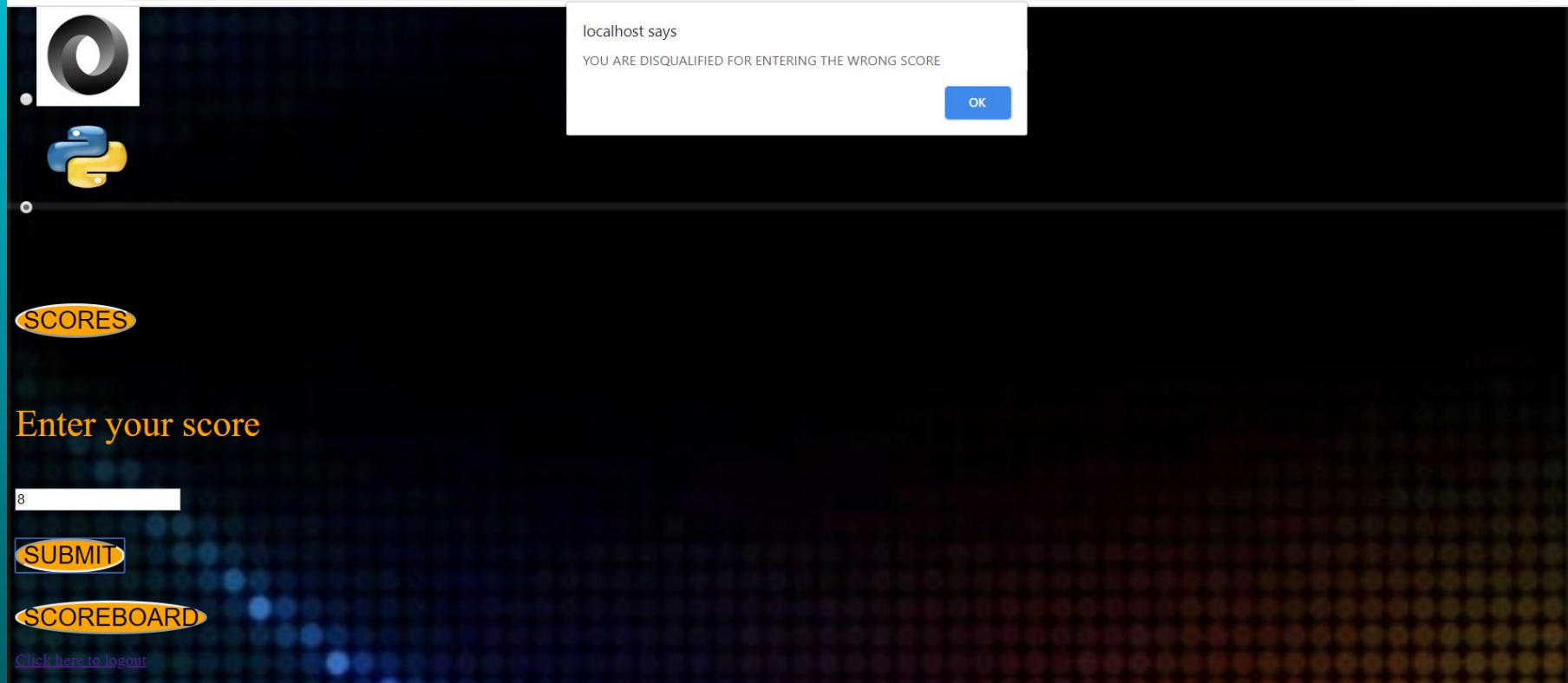
Registration number:

1004

QUES 1. Who invented Computer?

• CHARLES BABBAGE • AT AND T BELL • GRAHAM BELL • MARCONI

On entering the wrong score, the page disqualifies the user and the user cannot proceed with the quiz.



The screenshot shows a web application interface with a dark background. In the top left corner, there is a logo consisting of a black circle with a white ring inside, and below it, the Python logo. A white modal box is centered at the top, displaying the text "localhost says" and "YOU ARE DISQUALIFIED FOR ENTERING THE WRONG SCORE" with an "OK" button. Below the modal, there is a horizontal line. Underneath the line, the word "SCORES" is written in orange inside a yellow oval. Below this, the text "Enter your score" is displayed in orange. A text input field contains the number "8". Below the input field is a yellow oval button with the word "SUBMIT" in black. At the bottom, there is another yellow oval button with the word "SCOREBOARD" in black, and a link that says "Click here to logout" in purple.

localhost says
YOU ARE DISQUALIFIED FOR ENTERING THE WRONG SCORE
OK

SCORES

Enter your score

8

SUBMIT

SCOREBOARD

[Click here to logout](#)

This page displays the overall scoreboard and the winner. This reads data from the **userscores** table of **quiz login** database.

SCORE BOARD

ROLLNO	SCORE
1001	5
1003	6
1004	6
1007	2
1009	7

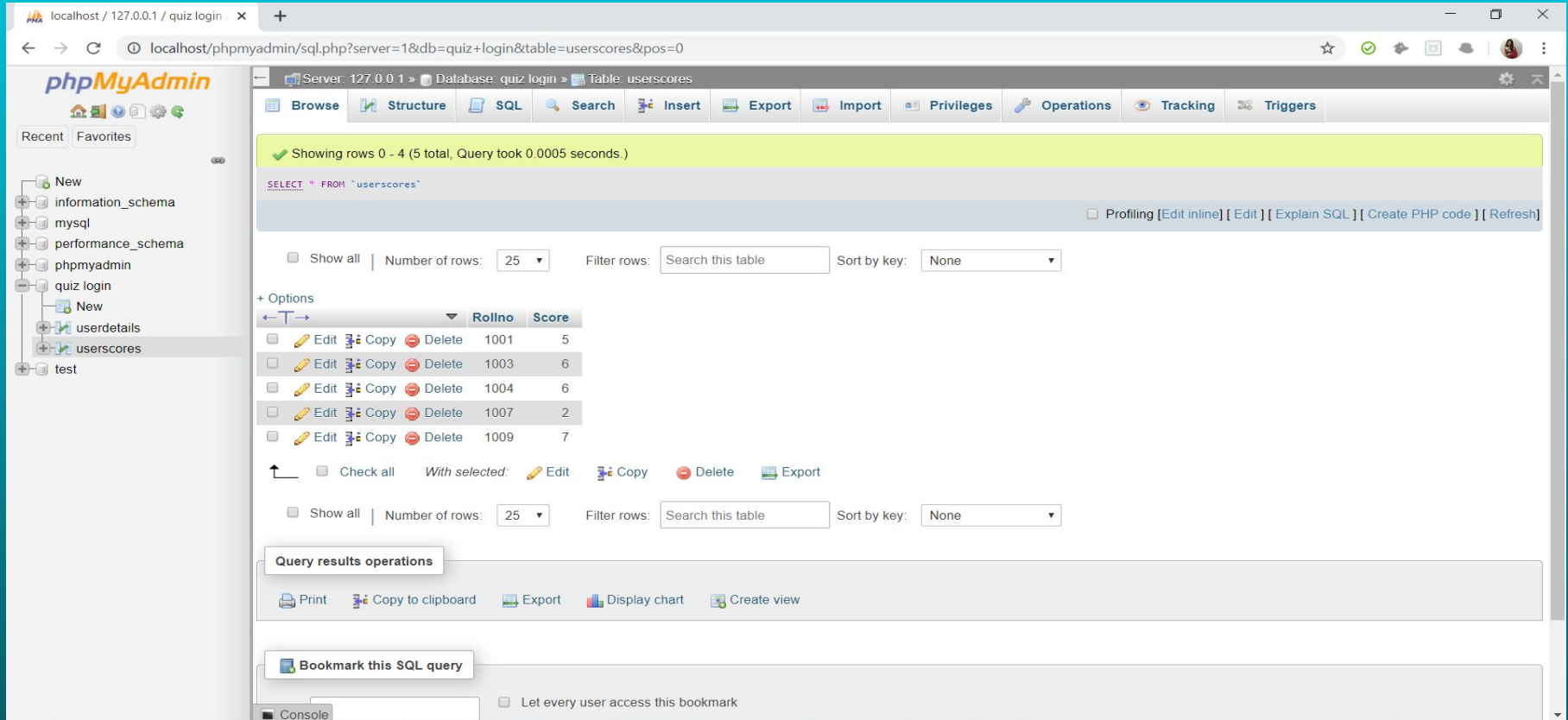
The winner is:

ROLLNO	SCORE
1009	7



DATABASE: QUIZ LOGIN TABLE: USERSCORES

Stores the registration number and scores of the players who attended the quiz.



The screenshot shows the phpMyAdmin interface for a database named 'quiz login'. The 'userscores' table is selected, and its structure is displayed. The table has two columns: 'Rollno' and 'Score'. The data is as follows:

Rollno	Score
1001	5
1003	6
1004	6
1007	2
1009	7

The interface also shows the 'Query results operations' section with options like Print, Copy to clipboard, Export, Display chart, and Create view. At the bottom, there is a 'Bookmark this SQL query' button and a checkbox for 'Let every user access this bookmark'.

SCHEMA OF THE USERDETAILS AND USERSCORE TABLE:

localhost/phpmyadmin/tbl_structure.php?db=quiz+login&table=userdetails

Server: 127.0.0.1 » Database: quiz login » Table: userdetails

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	Rollno	int(10)			No	None			Change Drop More
2	FirstName	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
3	LastName	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
4	email	varchar(40)	utf8mb4_general_ci		No	None			Change Drop More
5	password	varchar(20)	utf8mb4_general_ci		No	None			Change Drop More
6	Gender	varchar(1)	utf8mb4_general_ci		No	None			Change Drop More
7	Age	int(2)			No	None			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to central columns Remove from central columns

localhost/phpmyadmin/tbl_structure.php?db=quiz+login&table=userscores

Server: 127.0.0.1 » Database: quiz login » Table: userscores

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	Rollno	int(10)			No	None			Change Drop More
2	Score	int(5)			Yes	NULL			Change Drop More

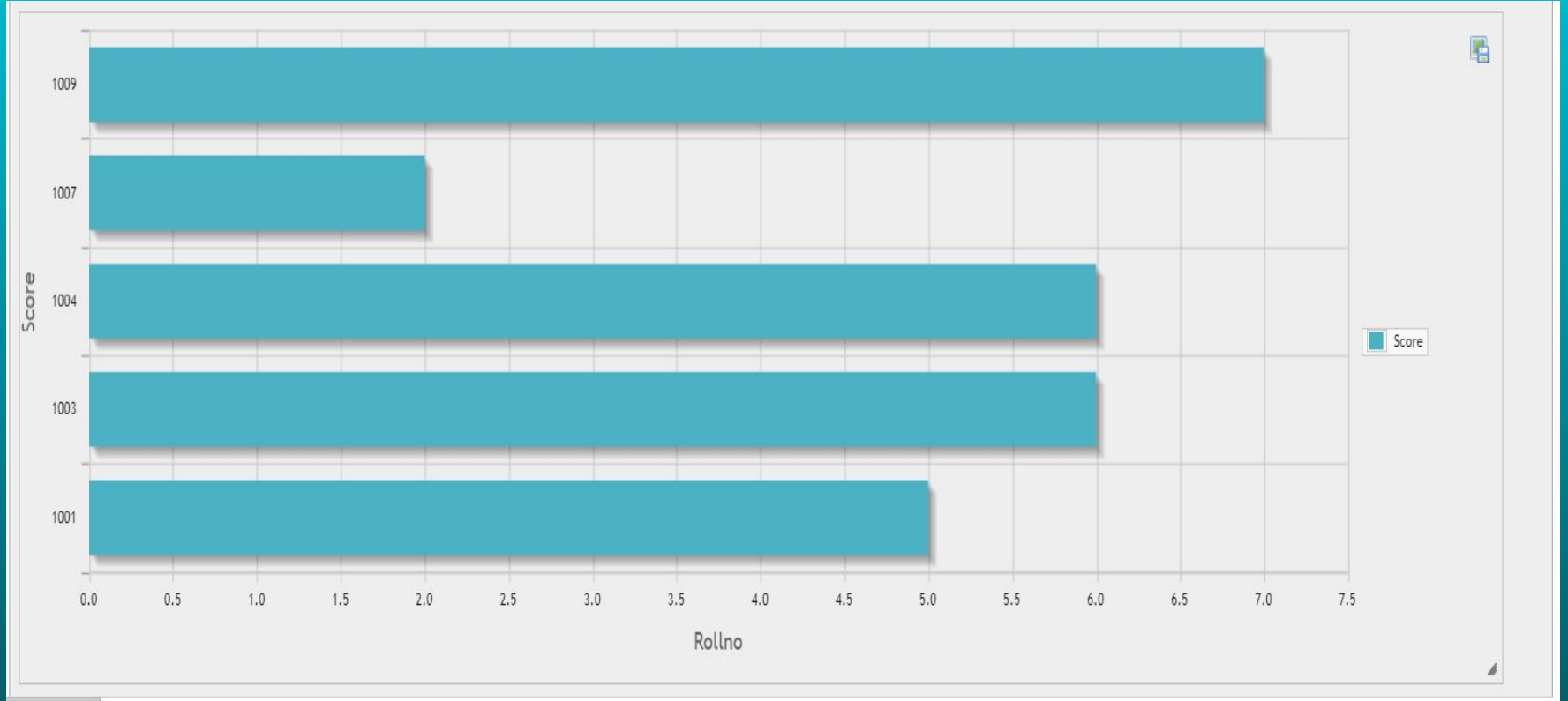
Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after Score Go

Indexes

GRAPHICAL REPRESENTATION OF SCORE VS REGISTRATION NUMBER



DESCRIPTIONS OF THE FILE ATTACHED:

- 1.Latest.php - html code for the quiz page
- 2.Quizpage.css - css code for the quiz page
- 3.Lat.php - php code for extracting registration number and scores from the quiz page and storing in the database
- 4.Signup.html - html code for the signup page
- 5.Signstyle.css -css code for sign in page
- 6.Signin_get.php- php code for extracting the details of the user and storing in the database
- 7.Login.html - html code for login page
- 8.Loginstyle.css - css code for login page
- 9.Starting.html - html code for home page
- 10.Entry.css- css page for home page.
- 11.Winners.php - php code for extracting the scores of the users from the database.
- 12.Logout.php - php code that takes the user back to home page

THANK YOU