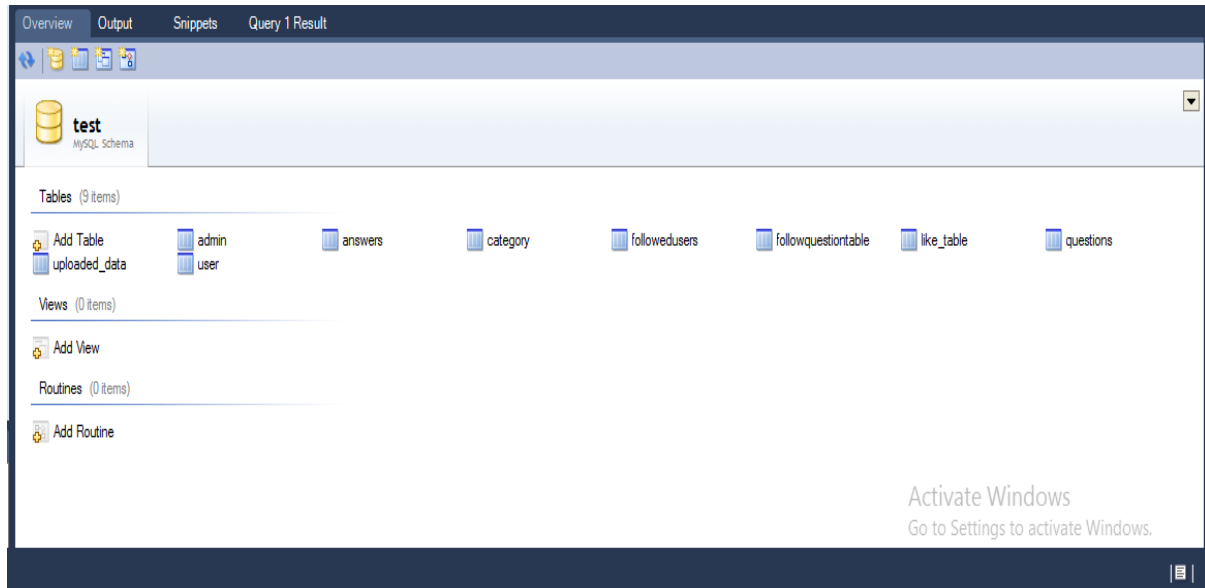


5. Design Encoding

5.1 Database: It contains screenshots of all the database tables which are used for this project.



Questions Table: It contain detail of all the questions added by various users.

question_id	title	content	description	keywords	posted_by	posted_on	category_name	views
1	What are the usages of...	It is a database language used for datab...	SQL is a special-purpose domain-sp...	uses.sql.java	Jeetu1	2016-12-03 07:01:07	SQL	56
2	What is DS?	Data structures provide a means to mana...	In computer science, data structure i...	java.sql.data.structure	Jeetu1	2016-12-03 07:01:07	Data Structure	29
17	use of pointer	how memory is allocated by using pointers	how to use pointers in c language	pointer.c	sarb	2016-11-26 14:45:27	Java	8
27	What is Android?	Android is a mobile operating system dev...	Android is an open-source, linux-bas...	linux.android.google.mobile	marc	2016-12-03 06:12:33	Android	1
28	Which is the best IDE f...	Android Studio is the official integrated d...	An integrated development environm...	ide.java.android.studio	pooja	2016-12-03 06:18:59	Android	NULL
29	What is activity?	An activity is a single, focused thing that ...	An activity represents a single scree...	android.screen.activity	pooja	2016-12-03 06:24:40	Android	7
30	What is C language?	The C Language is developed for creatin...	C programming is considered as the ...	mid-level.c-language.prog...	pooja	2016-12-03 06:31:07	Java	1
31	What is structure?	Each element of a structure is called a m...	Structure is a user-defined data type ...	structure.c.data-type.mem...	john	2016-12-03 06:38:17	Java	3
32	What is union?	Union in c language is a user defined dat...	Like Structure, union is a user-defin...	union.c.memory.structure	john	2016-12-03 06:41:11	Java	22
33	What is SQL?	SQL (Structured Query Language) is a sp...	SQL stands for structured query lang...	sql.rdbms.query	Jeetu1	2016-12-03 06:51:02	SQL	2
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Activate Windows
Go to Settings to activate Windows.

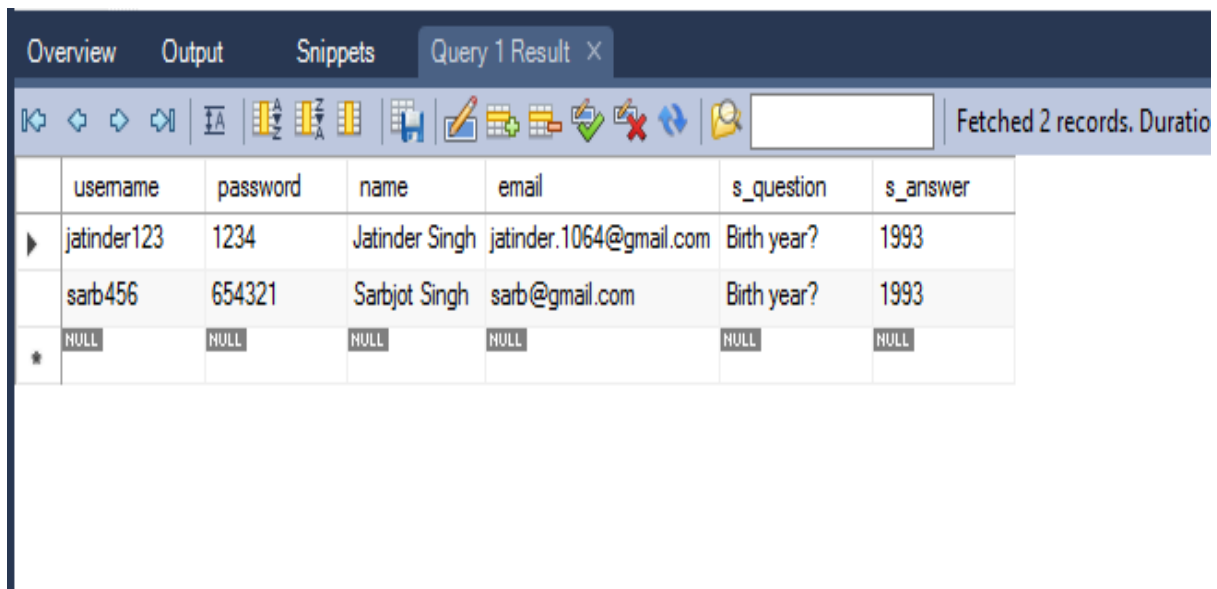
Answer Table: It contains detail of all the answers of the questions submitted by various users.

answer_id	answer	posted_by	posted_on	question_id
80	help me	Jeetu 1	2016-11-26 15:34:24	2
111	<html>abc</html>	sarb	2016-11-30 16:14:49	2
112	<html>abc</html>	sarb	2016-11-30 16:18:11	2
120	<html>new</html>	sarb	2016-12-02 16:30:07	2
128	<html>test</html>	sarb	2016-12-02 16:50:49	1
130	<html>hello</html>	sarb	2016-12-02 16:53:57	2
131	<html>test</html>	Jeetu 1	2016-12-02 16:56:55	17
132	<html>test</html>	sarb	2016-12-02 16:57:41	2
139	Low level language is specific to one machine i.e. machine dependent. It is machine depende...	pooja	2016-12-04 19:51:34	30
140	Advantage:- It occupies less memory because it occupies the memory of largest member only....	Jeetu 1	2016-12-04 19:51:34	32
141	<html>test</html>	Jeetu 1	2016-12-03 11:24:42	29
142	<html>pooja</html>	pooja	2016-12-03 11:25:29	29
143	<html>anc</html>	Jeetu 1	2016-12-03 14:22:19	29
145	hello	Jeetu 1	2016-12-03 14:28:09	27

Categories Table: It contains detail of all the existing categories in the project.

category_name	description	photo
Android	Android is a mobile OS by Google, based on the Linux kernel and designed primarily for touchscreen mobile devices such as smartphones and tablets.	./images/android.png
C	C is a general-purpose, medium-level, imperative computer programming language, supporting structured programming.	./images/c.png
Data Structure	A data structure is a specialized format for organizing and storing data. General types include the array, the file, the record, the table, the tree, and so on.	./images/ds.png
Java	Java is a computer programming language that is concurrent, class-based, object-oriented. It is intended to let application developers "write once, run anywhere".	images/java.png
JavaScript	JavaScript is a full-fledged dynamic programming language that, when applied to an HTML document, can provide dynamic interactivity on websites.	./images/javascript.png
SQL	SQL is a special-purpose domain-specific language used in programming and designed for managing data held in a relational database management system.	./images/sql.png
NULL	NULL	NULL

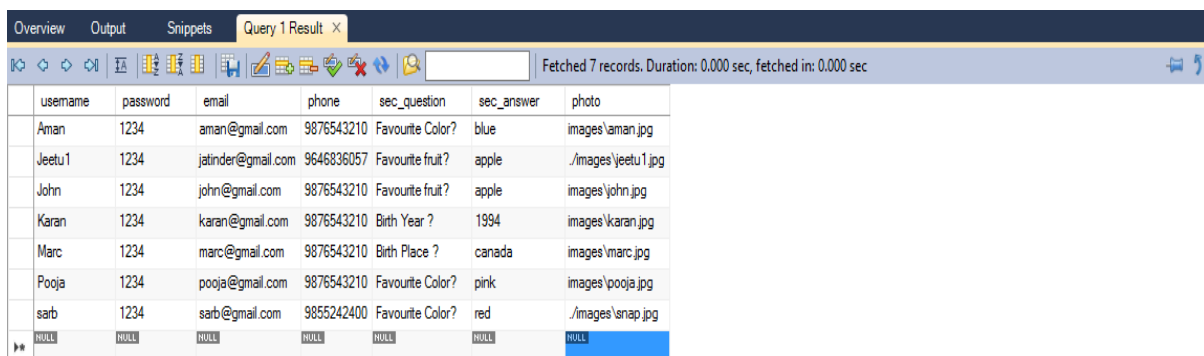
Admin Table: It contains detail of various fields of admin table.



The screenshot shows a database query result window with the title 'Query 1 Result'. The window has tabs for 'Overview', 'Output', 'Snippets', and 'Query 1 Result'. Below the tabs is a toolbar with various icons for query execution and editing. The main area displays a table with 7 columns: 'username', 'password', 'name', 'email', 's_question', and 's_answer'. The table contains 3 rows of data. The first row has values: 'jatinder123', '1234', 'Jatinder Singh', 'jatinder.1064@gmail.com', 'Birth year?', and '1993'. The second row has values: 'sarb456', '654321', 'Sarbjot Singh', 'sarb@gmail.com', 'Birth year?', and '1993'. The third row has values: 'NULL', 'NULL', 'NULL', 'NULL', 'NULL', and 'NULL'. The status bar at the bottom indicates 'Fetched 2 records. Duration: 0.000 sec'.

username	password	name	email	s_question	s_answer
jatinder123	1234	Jatinder Singh	jatinder.1064@gmail.com	Birth year?	1993
sarb456	654321	Sarbjot Singh	sarb@gmail.com	Birth year?	1993
NULL	NULL	NULL	NULL	NULL	NULL

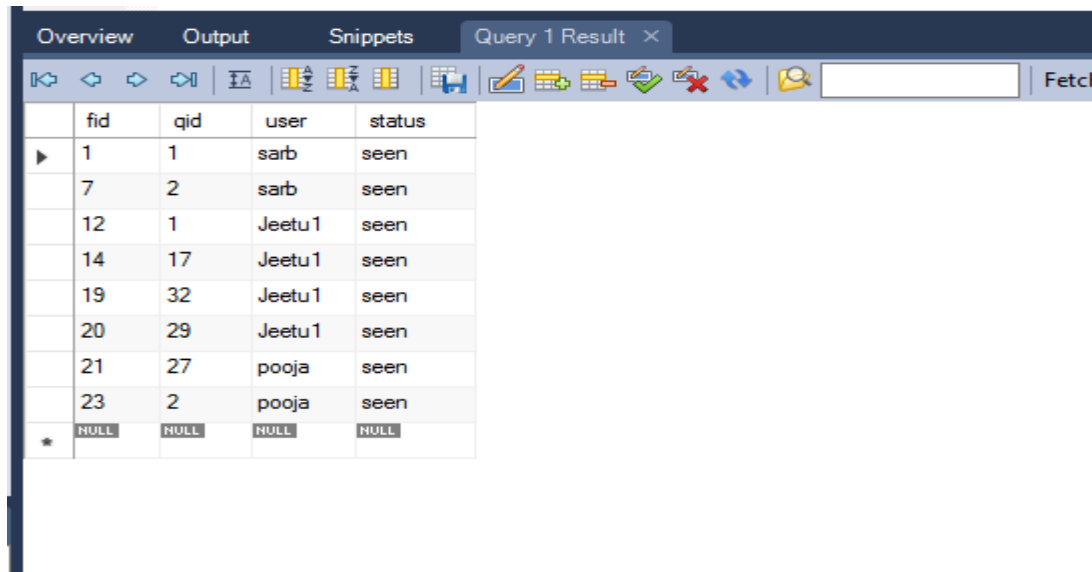
User Table: It contains detail of all the users logged-in to this project.



The screenshot shows a database query result window with the title 'Query 1 Result'. The window has tabs for 'Overview', 'Output', 'Snippets', and 'Query 1 Result'. Below the tabs is a toolbar with various icons for query execution and editing. The main area displays a table with 7 columns: 'username', 'password', 'email', 'phone', 'sec_question', 'sec_answer', and 'photo'. The table contains 8 rows of data. The first row has values: 'Aman', '1234', 'aman@gmail.com', '9876543210', 'Favourite Color?', 'blue', and 'images\aman.jpg'. The second row has values: 'Jeetu 1', '1234', 'jatinder@gmail.com', '9646836057', 'Favourite fruit?', 'apple', and './images\jeetu1.jpg'. The third row has values: 'John', '1234', 'john@gmail.com', '9876543210', 'Favourite fruit?', 'apple', and 'images\john.jpg'. The fourth row has values: 'Karan', '1234', 'karan@gmail.com', '9876543210', 'Birth Year?', '1994', and 'images\karan.jpg'. The fifth row has values: 'Marc', '1234', 'marc@gmail.com', '9876543210', 'Birth Place?', 'canada', and 'images\marc.jpg'. The sixth row has values: 'Pooja', '1234', 'pooja@gmail.com', '9876543210', 'Favourite Color?', 'pink', and 'images\pooja.jpg'. The seventh row has values: 'sarb', '1234', 'sarb@gmail.com', '9855242400', 'Favourite Color?', 'red', and './images\snap.jpg'. The eighth row has values: 'NULL', 'NULL', 'NULL', 'NULL', 'NULL', 'NULL', and 'NULL'. The status bar at the bottom indicates 'Fetched 7 records, Duration: 0.000 sec, fetched in: 0.000 sec'.

username	password	email	phone	sec_question	sec_answer	photo
Aman	1234	aman@gmail.com	9876543210	Favourite Color?	blue	images\aman.jpg
Jeetu 1	1234	jatinder@gmail.com	9646836057	Favourite fruit?	apple	./images\jeetu1.jpg
John	1234	john@gmail.com	9876543210	Favourite fruit?	apple	images\john.jpg
Karan	1234	karan@gmail.com	9876543210	Birth Year?	1994	images\karan.jpg
Marc	1234	marc@gmail.com	9876543210	Birth Place?	canada	images\marc.jpg
Pooja	1234	pooja@gmail.com	9876543210	Favourite Color?	pink	images\pooja.jpg
sarb	1234	sarb@gmail.com	9855242400	Favourite Color?	red	./images\snap.jpg
NULL	NULL	NULL	NULL	NULL	NULL	NULL

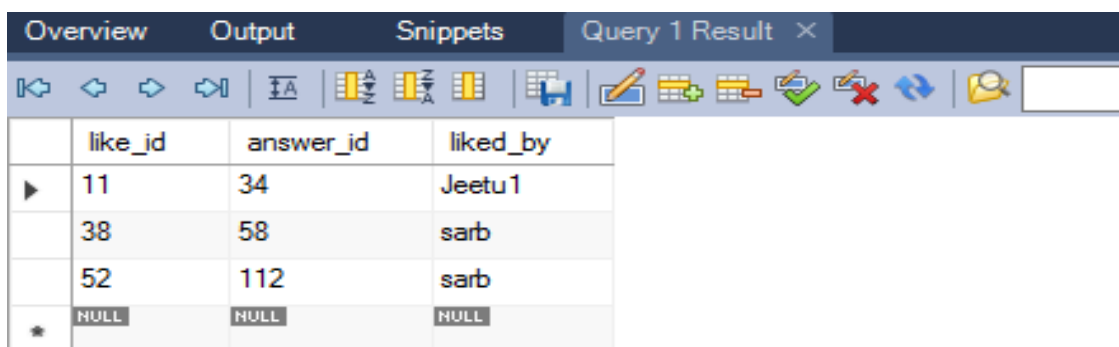
Followed Users Table: It contains detail of all the users which are following questions for getting notification of new answers.



The screenshot shows a database query result window with tabs for Overview, Output, Snippets, and Query 1 Result. The Query 1 Result tab is active, displaying a table with columns: fid, qid, user, and status. The table contains 9 rows of data, including a row with NULL values. The interface includes a toolbar with various icons for navigation and editing, and a 'Fetch' button.

	fid	qid	user	status
▶	1	1	sarb	seen
	7	2	sarb	seen
	12	1	Jeetu1	seen
	14	17	Jeetu1	seen
	19	32	Jeetu1	seen
	20	29	Jeetu1	seen
	21	27	pooja	seen
	23	2	pooja	seen
★	NULL	NULL	NULL	NULL

Like Table: It contains detail of all the users which liked some answers.



The screenshot shows a database query result window with tabs for Overview, Output, Snippets, and Query 1 Result. The Query 1 Result tab is active, displaying a table with columns: like_id, answer_id, and liked_by. The table contains 4 rows of data, including a row with NULL values. The interface includes a toolbar with various icons for navigation and editing, and a 'Fetch' button.

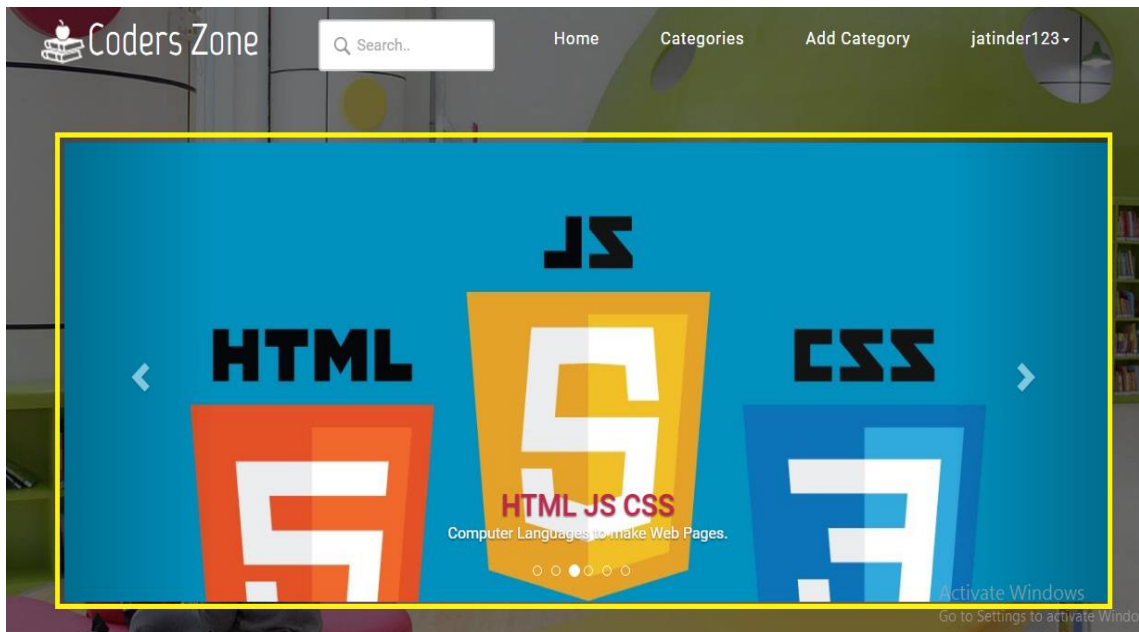
	like_id	answer_id	liked_by
▶	11	34	Jeetu1
	38	58	sarb
	52	112	sarb
★	NULL	NULL	NULL

5.2 Interface:-There are two interfaces of this project i.e Admin interface and User interface.

5.2.1 Menus:

Admin Menus

(a). Admin Home:



(b). Add Category:

A screenshot of the 'Add Category' form in the web application. The form is set against a light green background. It has a title 'Add Category' in a large, bold, green font. Below the title, there are three input fields: 'Category Name' with a placeholder 'Enter Category Name', 'Description' with a placeholder 'Add Description', and 'Select Photo' with a 'Choose File' button and the text 'No file chosen'. At the bottom of the form, there is a blue button labeled 'Add' in red text.

(c): View Categories:

Coders Zone

Search..







Home

Categories

Add Category

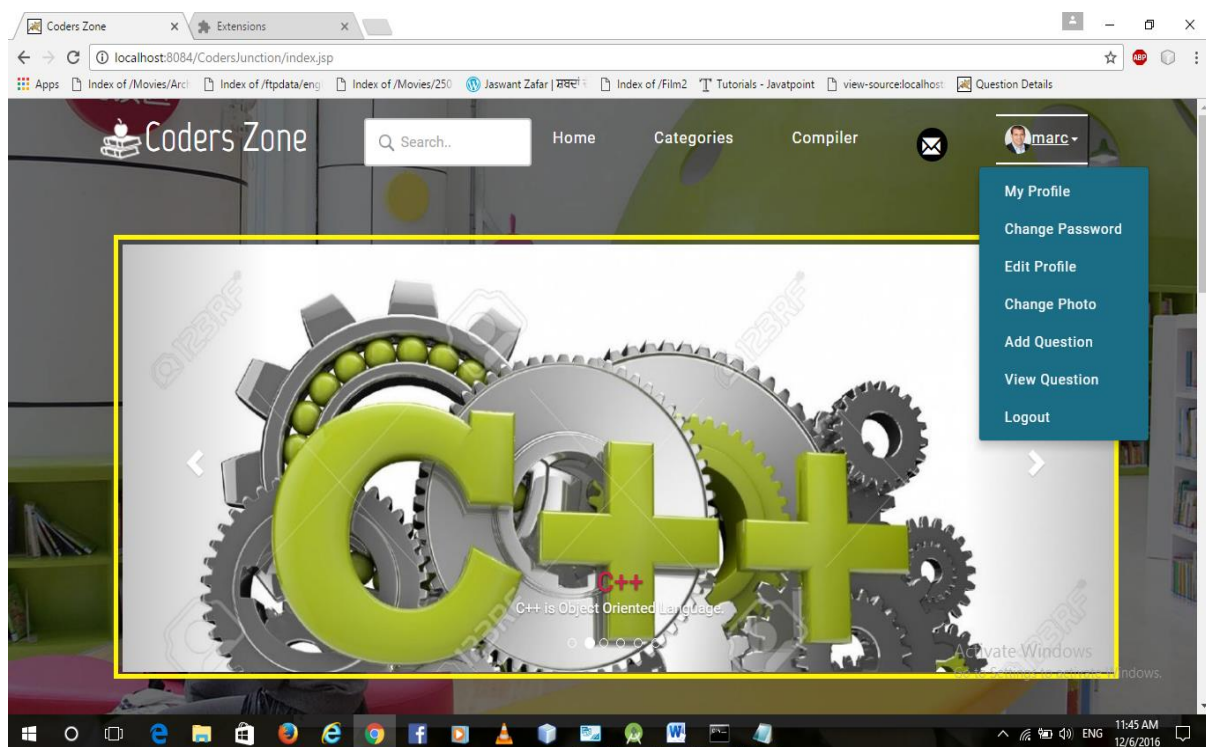
jatinder123 -

CATEGORIES

Category Name	Description	Photo	Edit	Delete
Android	Android is a mobile OS by Google, based on the Linux kernel and designed primarily for touchscreen mobile devices such as smartphones and tablets.		Edit	Delete
C	C is a general-purpose,medium-level, imperative computer programming language, supporting structured programming.		Edit	Delete
Data Structure	A data structure is a specialized format for organizing and storing data. General types include the array, the file, the record, the table, the tree, and so on.		Edit	Delete
Java	Java is a computer programming language that is concurrent, class-based, object-oriented. It is intended to let application developers "write once, run anywhere" .		Edit	Delete
JavaScript	JavaScript is a full-fledged dynamic programming language that, when applied to an HTML document, can provide dynamic interactivity on websites.		Edit	Delete
SQL	SQL is a special-purpose domain-specific language used in programming and designed for managing data held in a relational database management system.		Edit	Delete





User Menus:

(a). User Home:



(b). Recent Questions

Recent Questions

54 Views	18 Answers	What are the usages of SQL? tags: uses sql java	 Jeetu1 2016-12-03 07:01:07.0
29 Views	8 Answers	What is DS? tags: java sql data structure	 Jeetu1 2016-12-03 07:01:07.0
1 Views	0 Answers	What is SQL? tags: sql database query	 Jeetu1 2016-12-03 06:51:02.0
20 Views	2 Answers	What is union? tags: union c memory structure	 john 2016-12-03 06:41:11.0

Coders Zone

A Social networking platform for Computer Science and IT Students.

Our Address

Department Of Computer Science
Guru Nanak Dev University
Amritsar


Admin


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Activate Windows
Go to Settings to activate Windows.


(c). All Categories:


All Categories



Android


C


A data structure is a specialized format for organizing and storing data. General types include the array, the file, the record, the table, the tree, and so on.


Java


JavaScript


SQL

Activate Windows
Go to Settings to activate Windows.

(d). Question Detail:

What is union?

Java

Like Structure, union is a user-defined data type that allows to store multiple types of data in a single unit.

Union in c language is a user defined datatype that is used to hold different type of elements. But it doesn't occupy sum of all members size. It occupies the memory of largest member only. It shares memory of largest member.

Keywords: union c memory structure

John

2016-12-03 06:41:11.0

1

follow

Answers

Advantage:- It occupies less memory because it occupies the memory of largest member only.
Disadvantage:- It can store data in one member only.

0

like

Jeetu1

2016-12-04 19:51:34.0

(e). Post Answer:

Post Answer

Union manages memory more efficiently than other data types...

Submit

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Go to Settings to activate Windows

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Department Of Computer Science



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(f). User Profile:

 Coders Zone

Q Search..

HomeCategoriesCompiler

 sarb



sarb
sarb@gmail.com
Questions Posted: 1
Answers Posted: 9

Questions

8 Views2 Answers

use of pointer

2016-11-26 14:45:27.0


pointer c

Coders ZoneOur AddressAdmin

Activate Windows
Go to Settings to activate Windows.

5.2.2 Forms:

(a). User Sign Up :

 Coders Zone

Q Search..

HomeCategoriesQuestionsLog InSign Up

User Sign Up

Username :

Enter Username
notexist

Password :

Enter Password

Email :

Enter Email

Phone No. :

Enter Phone No.

Security Question:

Birth Year ?

Security Answer :

Enter Answer

Photo :

Choose File

No file chosen

Sign Up

Activate Windows
Go to Settings to activate Windows.

(b). Edit Profile:

Edit Profile

Username :

sarb

Email :

sarb@gmail.com

Phone No. :

9855242400

Security Question :

Favourite Color? ▼

Security Answer :

red

Submit

(c). Forget Password:

Forget Password

Enter Username :

Enter username

Check

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Our Address

Department Of Computer Science
Guru Nanak Dev University
Amritsar
9646836057

Admin

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Activate your account
Go to Settings

(d). Change Password:

Change Password

Username :

Old Password :

New Password :

Confirm Password :

(e). Change Profile Photo:

Change Profile Photo

Current Photo



Choose New Photo No file chosen

(f). Add Question:

Add Question

Title

Description

Content

Keywords

Category

Add

What are the usages of SQL?

What is DS?

What is Android?

Which is the best IDE for Android?

What is activity?

What is C language?

What is structure?

What is union?

What is SQL?

(g). Search Question:

Coders Zone

What is DS?

What is Android?

Which is the best IDE for Android?

HomeCategoriesCompiler

sarb

Categories

Android

C

Data Structure

Java

JavaScript

SQL

Activate Windows

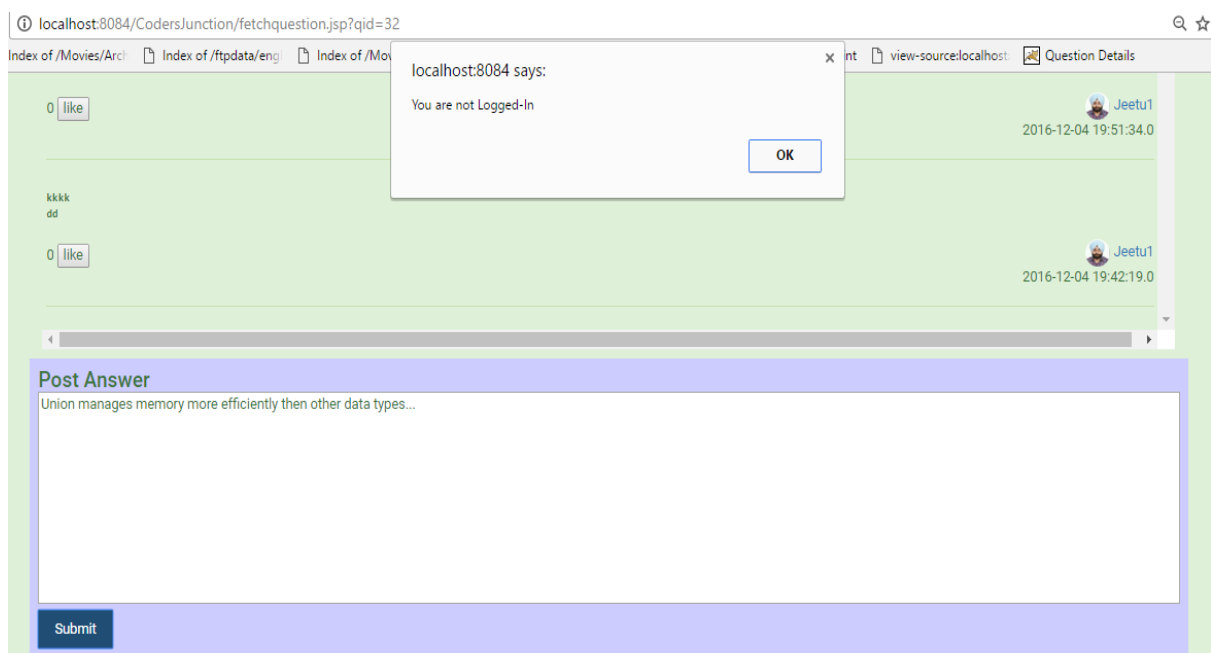
Go to Settings to activate Windows.

5.2.3 Dialog Boxes:

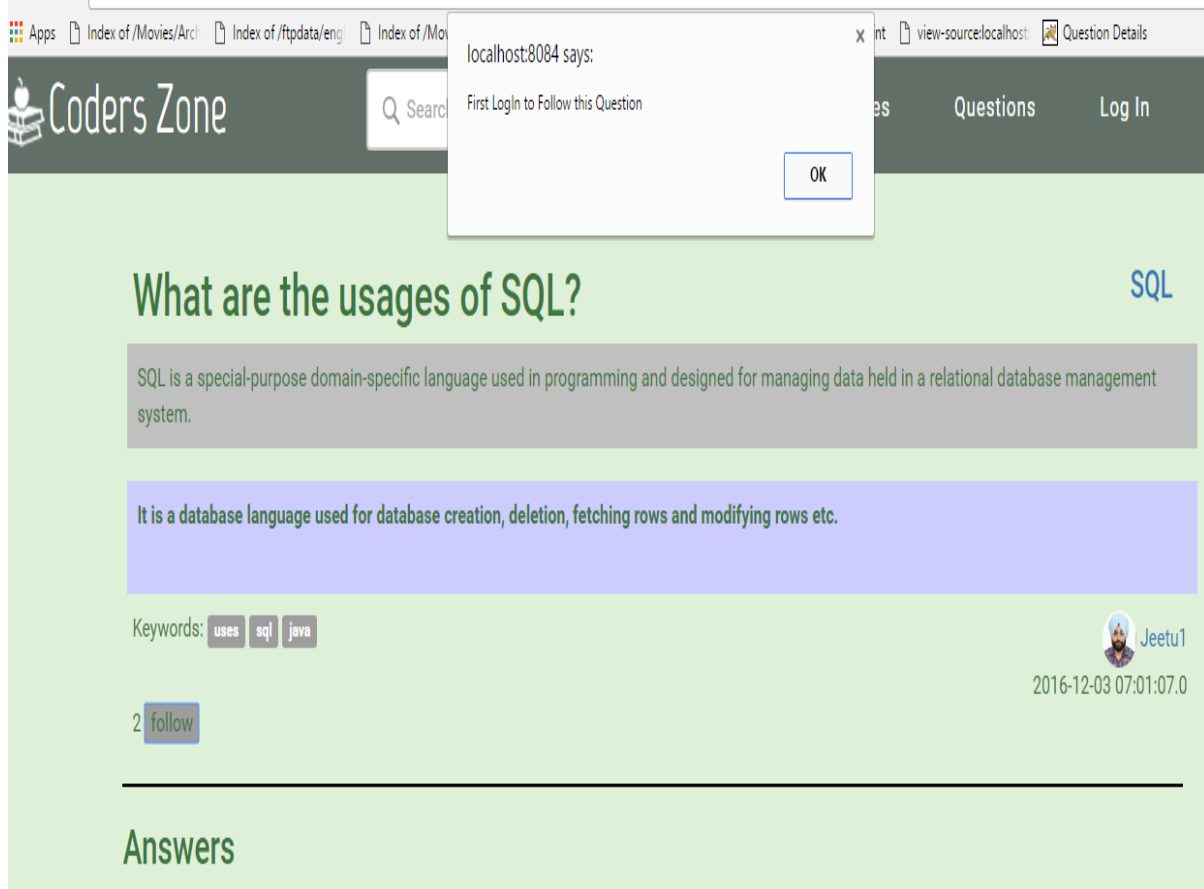
(a). **Like Answer:** this dialog box generate when user try to like someone answer



(b). **Post Answer:-** This dialog generate when user try to submit answer without log in.



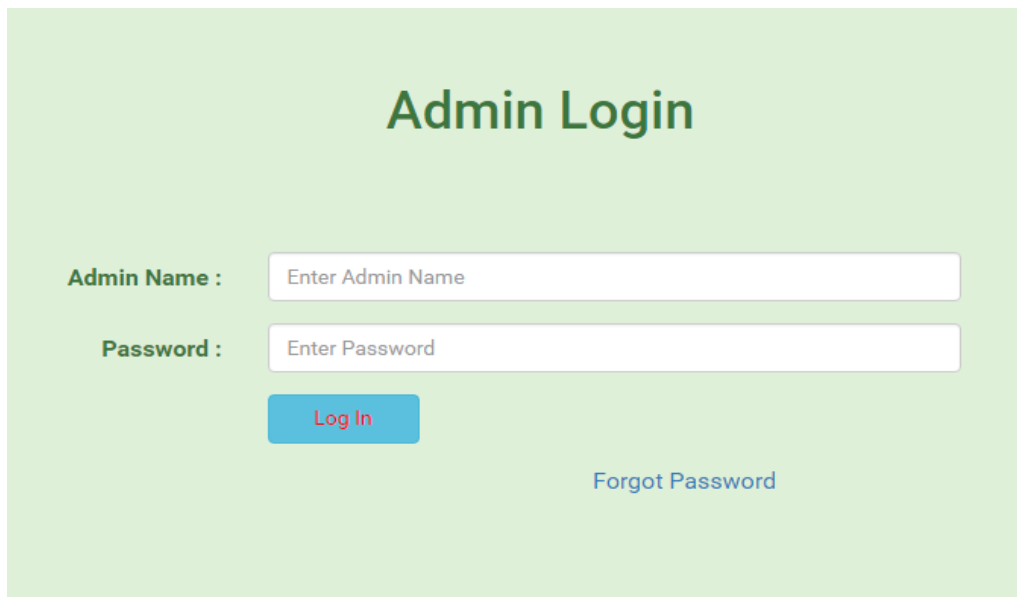
(c). Follow Question:- This dialog box appears when a user tries to follow someone who has posted a question without logging in.



5.3 Modules

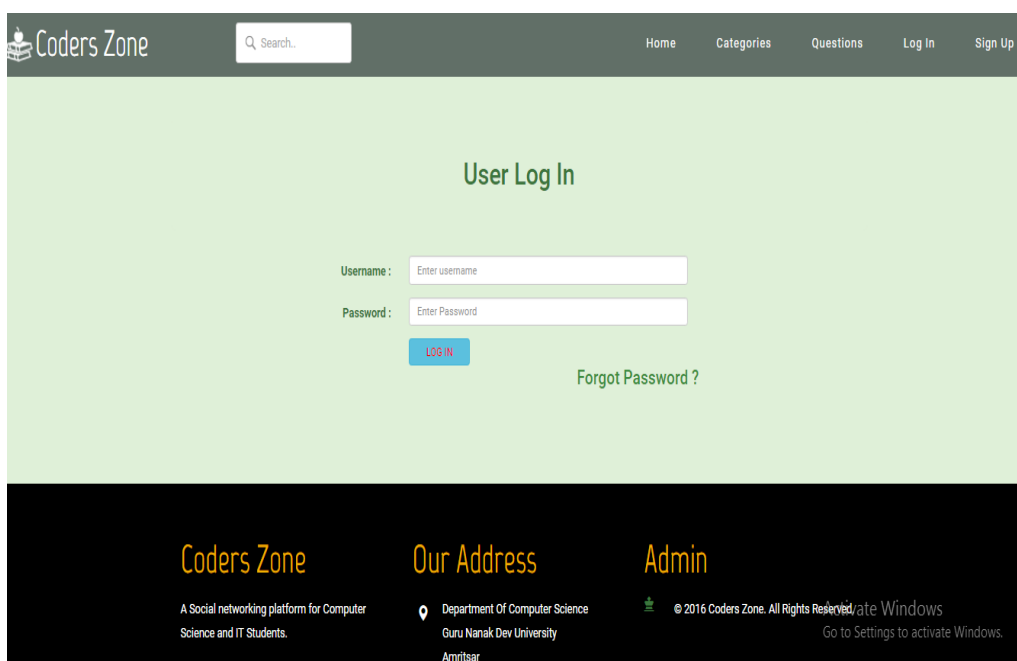
There are two modules in my project which are giving below

Admin:-Admin can add , edit ,view and delete a new category. Signup of admin is given below



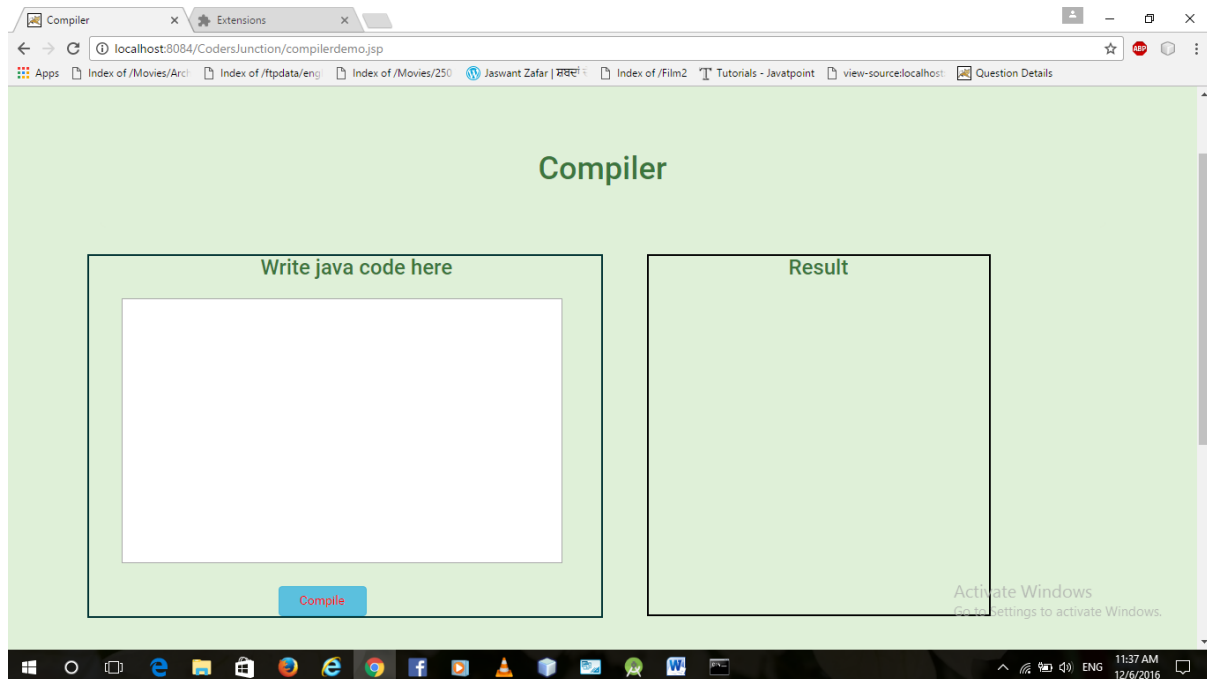
The image shows a web form titled "Admin Login" on a light green background. It features two input fields: "Admin Name" with placeholder text "Enter Admin Name" and "Password" with placeholder text "Enter Password". Below the password field is a blue "Log In" button. To the right of the "Log In" button is a link that says "Forgot Password".

User:-User can add, follow or like a question. There is a compiler at which user can code in java.

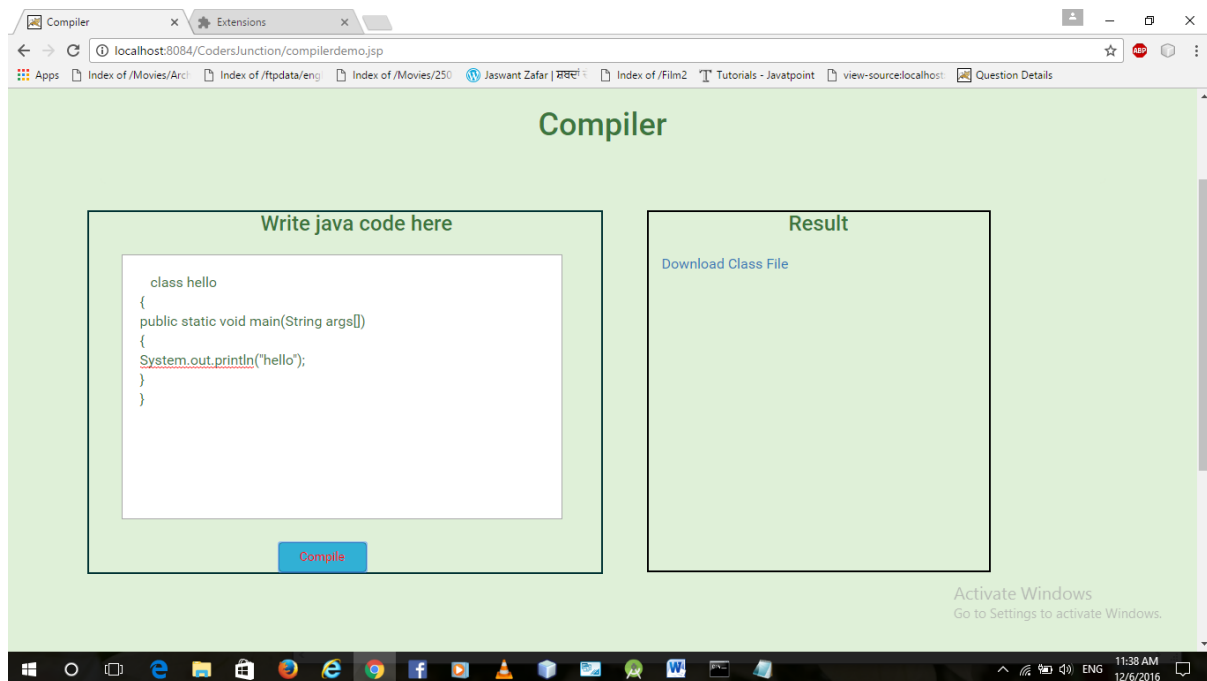


The image shows a web form titled "User Log In" on a light green background, which is part of a larger website. The website has a dark grey header with the "Coders Zone" logo, a search bar, and navigation links for "Home", "Categories", "Questions", "Log In", and "Sign Up". The "User Log In" form includes "Username" and "Password" fields with placeholder text, a blue "LOG IN" button, and a "Forgot Password ?" link. The footer is dark and contains three columns: "Coders Zone" (described as a social networking platform for Computer Science and IT Students), "Our Address" (Department Of Computer Science, Guru Nanak Dev University, Amritsar), and "Admin" (© 2016 Coders Zone. All Rights Reserved, with a link to "Go to Settings to activate Windows").

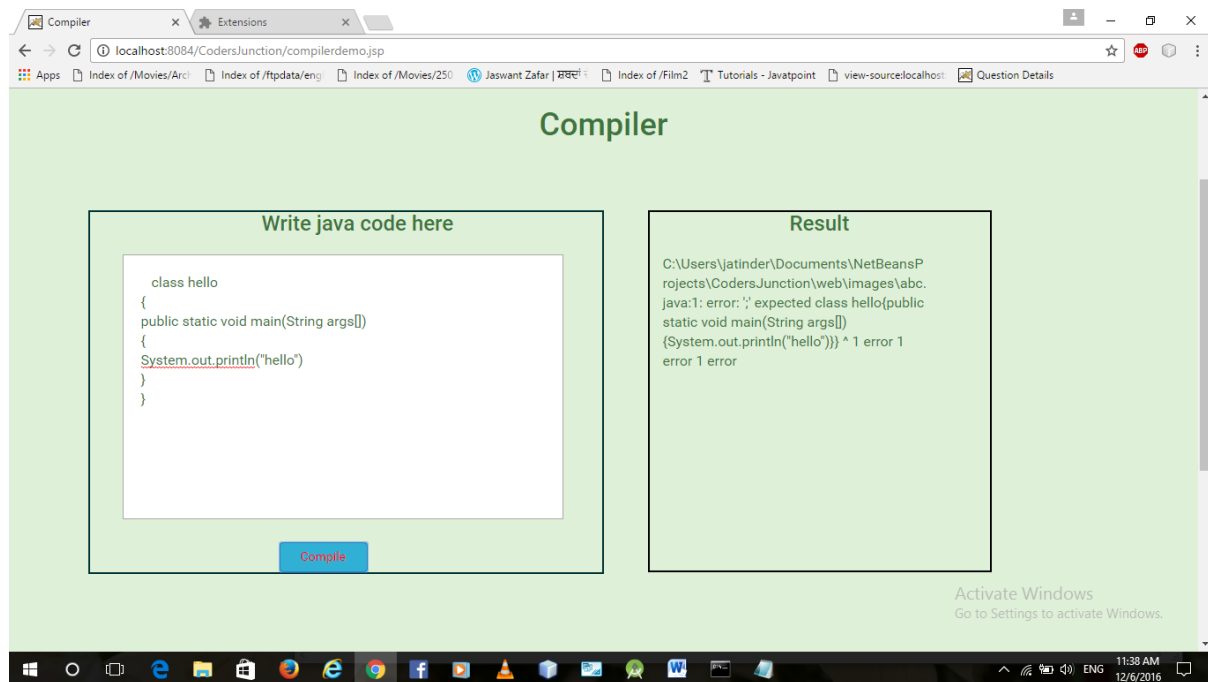
Compiler for user:-



After Successful Compilation:-



Compiler show error:-



5.4 Reports:-

- 1). I have successfully completed my project.
- 2). In this report I attached all my screenshots i.e various forms and dialog boxes.
- 3). various menus are also attached with screenshots for directly navigate from one page to any other page.
- 4). By following this report someone can easily detect which type of error occurred and who to handle it.