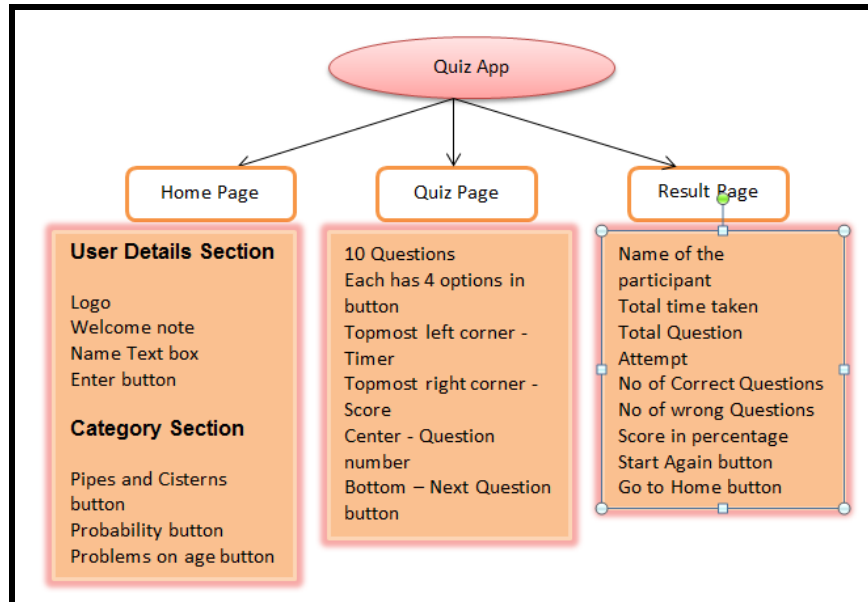


Quiz App

Problem Statement

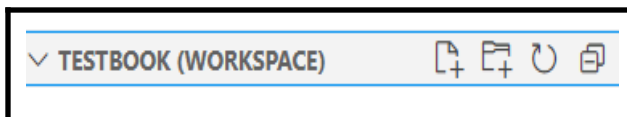
Creating a Quiz App with the following requirements:

- The Quiz App home page should have 2 sections, as follows
 - User Details Section
 - Category
- The User Details section should have elements such as
 - Logo
 - Welcome note
 - Name Text box
 - Enter button
- The Category section should have elements such as
 - Pipes and Cisterns button
 - Probability button
 - Problems on age button
 - Profit and loss button
- The Quiz page should have elements such as
 - Each category should have 10 questions with four options in button.
 - The Top left corner should have a timer and the top right corner should have score.
 - The question number should be mentioned above the corresponding question.
 - The next question button should be at the end of the page.
- The Quiz result page should have the following elements
 - Name of the participant
 - Total time taken
 - Total Question
 - Attempt
 - No of Correct Questions
 - No of wrong Questions
 - Score in percentage
 - Start Again button
 - Go to Home button

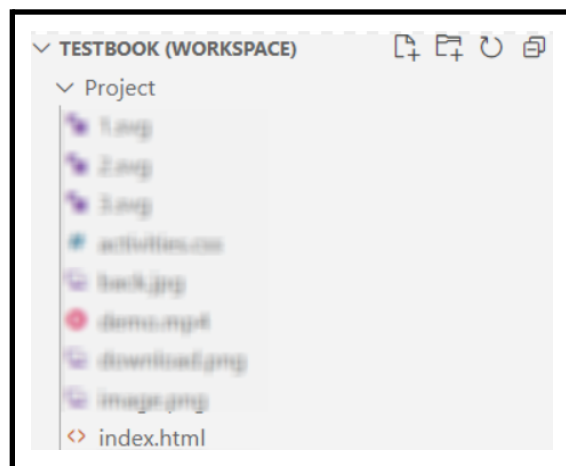


Steps:

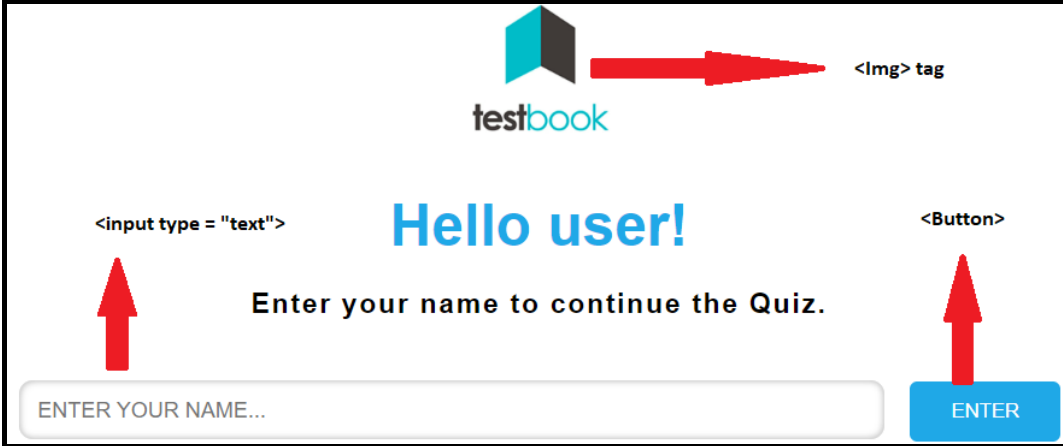
- Open VS Code.
- Select New File in the opened folder.



- Save the file in the appropriate folder/ in a new folder with the file extension.

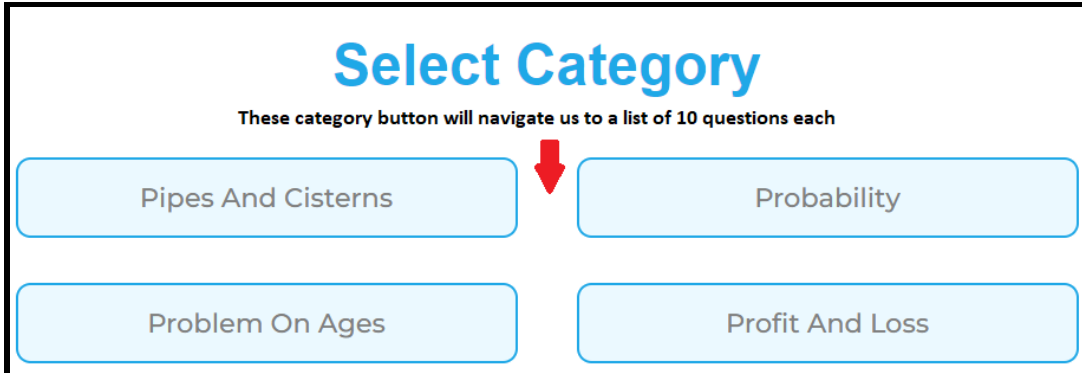


- Add the CSS files with the **.css** file extension and also add JS files with the **.js** file extension in the same folder where **index.html** is located.



The screenshot shows a login interface. At the top center is the 'testbook' logo, with a red arrow pointing to it from the label ' tag'. Below the logo, the text 'Hello user!' is displayed in blue. Underneath is the instruction 'Enter your name to continue the Quiz.' To the left of this text is a text input field with the placeholder 'ENTER YOUR NAME...'. A red arrow points to this field from the label '<input type = "text">'. To the right of the text is a blue button labeled 'ENTER'. A red arrow points to this button from the label '<Button>'.

- The tag is used to add the logo.
- The <input type = "text"> is used to add a textbox with the "Enter your name" placeholder.
- And an Enter button to enter the text entered in the text box.



The screenshot shows a 'Select Category' screen. The title 'Select Category' is at the top in blue. Below it is the text 'These category button will navigate us to a list of 10 questions each'. There are four light blue buttons arranged in a 2x2 grid: 'Pipes And Cisterns', 'Probability', 'Problem On Ages', and 'Profit And Loss'. A red arrow points down to the 'Pipes And Cisterns' button.

- On selecting a category, it will navigate us to a list of 10 questions.

Pipes and Cisterns

274

User defined Timer
function to display time
for one particular
category

SCORE: **0**

Score obtained will be
displayed here

1/10

One pipe can fill a tank three times as fast as another pipe. If together the two pipes can fill the tank in 36 min, then the slower alone will be able to fill the tank in:

81 MIN

108 MIN

144 MIN

192 MIN

Options will be displayed as
buttons on click the color of the
button changes to red when
wrong and blue when correct

Next Question

This button will appear only
after the question is
answered and it will navigate
us to next question

Problem on Ages

00

TIME'S UP

Once the given time of 300s
gets over this will be displayed
instead of the current second

SCORE: **5**

6/10

'I am five times as old as you were, when I was as old as you are', said a man to his son. Find out their present ages, if the sum of their ages is 64 years ?

FATHER = 50; SON =14

FATHER = 40; SON =24

FATHER = 60; SON =14

FATHER = 48; SON =16

See Your Result

This button will appear after
complete answering all the
questions in that category or
when the time is up

- On clicking the "See Your Result" button, it will direct us to the Quiz Result page.

Quiz Result

RRR your result is :

Total Time Taken : **42** seconds

Total Question : **10**

No of questions attempted ➔ Attempt : **10**

Correct : **4**

Wrong : **6** This button will redirect us back to the home page

Percentage : **40.00%**

↓

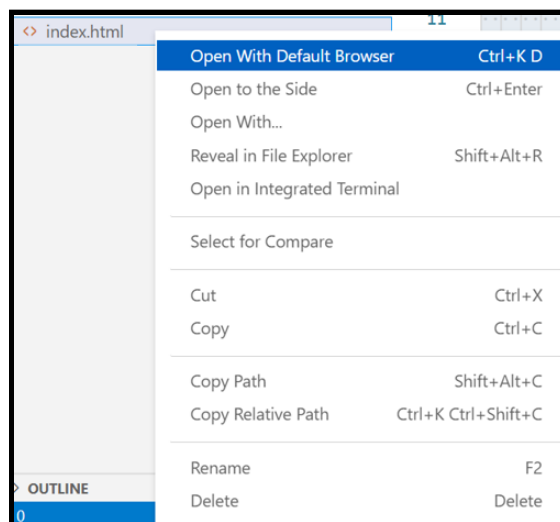
Start Again

↓

Go To Home


This button will help us to do a another attempt

- View the file in the browser, by right click on the file name(index.html) in the left pane.



Output:

Main Page - index.html



Hello user!

Enter your name to continue the Quiz.

You'll have 10 seconds to answer each questions

Select Category

Pipes And Cisterns

Probability

Problem On Ages

Profit And Loss

- Enter your name and select any of four categories which should land in the quiz page having a list of ten questions each.

Pipes and Cisterns

220
SCORE: 1

4/10

Three taps A,B and C can fill a tank in 12,15 and 20 hours respectively. If A is open all the time and B ,C are open for one hour each alternatively, the tank will be full in:

6 HRS

20/3 HRS

7 HRS

15/2 HRS

- After answering all the ten questions in that particular category, it should land on the score page.

Quiz Result

your result is :

Total Time Taken : **110** seconds

Total Question : **10**

Attempt : **10**

Correct : **3**

Wrong : **7**

Percentage : **30.00%**

[Start Again](#)[Go To Home](#)