

Practice Exercises

Review Questions

1. JavaScript is inserted into HTML page by using _____
2. Where is the correct place to insert a JavaScript in a html document?

3. How to write “Hello World” in an alert box? _____
4. The _____ function will prints the output on the document.
5. Variables are declared with the _____ keyword.
6. Which event will occur when an element gets focus? _____
7. Which popup box is used to display a dialog box containing an application-defined message? _____
8. Window.prompt() method return true or false value? (Yes / No).
9. Which popup box is used to verify something from user? _____
10. Window.alert() is used to allow user to enter something? (True / False).
11. Variable names in javascript can begin with a number? (True / False).
12. What are the three main primary data types? _____

Exercises

- Complete the following exercises

Exercise-1

- Q1:** Create a page with JavaScript prompt the user for their name.
- Q2:** Use a pop-up box to welcome the user by name.
- Q3:** Display the current date on the page in the following format:
October 30, 2000.

Exercise-2

- Q1:** Create a calculator application with an input and buttons for the operations.
- Q2:** Add the functions for the each operation.
- Q3:** Create an event listener for the button, and when it's clicked, find the value of the appropriate input and show the result of the calculation.

Exercise-3

- Q1:** Write a JavaScript program to get the current date. Expected Output : mm-dd-yyyy, mm/dd/yyyy or dd-mm-yyyy, dd/mm/yyyy

Additional Exercises

1. Write a JavaScript program where the program takes a random integer between 1 to 10, the user is then prompted to input a guess number. If the user input matches with guess number, the program will display a message "Good Work" otherwise display a message "Not matched".
2. Write a web app to convert time units. User should enter time in seconds, minutes or hours, and convert to all the others
3. Write a web app to convert distance units. Available units: meters, kilometers and miles.
4. Write a JavaScript program to print the contents of the current window.
5. Write a JavaScript program to convert temperatures to and from celsius, fahrenheit.