

Chapter 31 - 34 (Date & Time)

1. Code a statement that creates a new Date object and assigns it to dObj, which hasn't been declared beforehand.
2. Code a statement that creates a new Date object, converts it to a string, and assigns the string to dStr, which hasn't been declared beforehand.
3. Code a statement that extracts the day of the week from a Date object represented by d and assigns it to day, which hasn't been declared beforehand.
4. The day has been extracted from the Date object and assigned to d. The names of the days of the week have been assigned to the array dayNames. Alert the current day with array index.
5. Extract all parts of the Date and Time and assign it to the variable which has not been declared beforehand.
6. Code a statement that creates a Date object for the last day of the last month of 2020 and assigns it to later, which hasn't been declared beforehand.
7. Create a Date object for the second day of the second month of 1992 and assign it to a variable that hasn't been declared beforehand.
8. Code a single statement that displays in an alert the milliseconds that elapsed between the reference date and the beginning of 1980.
9. How do you change the year of a date in JavaScript?
10. Write a JavaScript function to change the month of a given date to January.

11. What is the method to change the day of the week for a specific date in JavaScript?
12. Write a JavaScript function to change the minutes of a given time to a specific value. (Value by prompt)
13. Write a JavaScript function to add a specific number of hours to a given time.
14. You have to create a age calculator in JavaScript.

Chapter 35 - 37 (Functions)

1. Code the first line of a function displayAlert.
2. Code a function named askName that prompts the user to "Enter name" and assigns the answer to userName, which hasn't been declared beforehand.
3. Code a function that calls 2 other functions.
4. Code a function that displays a prompt, "Enter name" and then displays the name in an alert. Call the function.
5. Code the first line of a function named concat that has 3 parameters, the first three letters of the alphabet. Call that takes a variable, a string, and a number as arguments.
6. Code a function that has 2 parameters. Concatenate them and assign the result to a variable that hasn't been declared beforehand.
7. Code a function that has three parameters. Multiply them and assign them to a variable that hasn't been declared yet.
8. Write a JavaScript function that takes an array of numbers as input and returns the average of those numbers.
9. Write a JavaScript function that takes two parameters and returns their sum.

10. Write a JavaScript function that takes an array of numbers as input and returns the average of those numbers.
11. You have to capture the returned value from a function and store it in a variable?
12. Write a function which tells letter counts of (word).
13. Write a function to set (year) in date object.
14. Write a function which tells the age of a person who Born on (dateOfBirth)
15. Write a function which tells the presense of (word) in an array = ['zaid','haris','raza','abubakar','hassan','hussain','fatima'] result should be in true or false
16. Write a function which repeat (letter) 10 times.
Hint: "abcde" str.repeat(10)
17. write a function which reverse array = ['a','b','c','d','e']
Hint: arr.reverse()
18. Write a JavaScript function that reverses a number.
Example x = 32243;
Expected Output : 34223
19. Write a JavaScript function that checks whether a passed string is a palindrome or not?
Hint: A palindrome is word, phrase, or sequence that reads the same backward as forward, e.g., madam or Wow.
20. Write a JavaScript function that accepts a string as a parameter and converts the first letter of each word into upper case.
Example string : 'the quick brown fox'
Expected Output : 'The Quick Brown Fox '

21. Write a JavaScript function that takes an array of numbers and finds the lowest and greatest numbers, respectively.

Sample array : [1,2,3,4,5]

Expected Output : 1,5

Chapter 38 (Local vs. Global Variables)

1. Write a JavaScript function that demonstrates the usage of a local variable.
2. How can you access a global variable inside a function in JavaScript?

Chapter 39, 40 (Switch Statements)

1. Write a JavaScript switch statement that checks the value of a variable and performs different actions based on different cases.
2. Write a JavaScript switch statement that check whether cityName given by user check the cityName if match alert the user and break the statement, if not default message will be shown to user.

===== THE END =====