

100 JavaScript Problems for Beginners

Basics & Printing (1–10)

1. Print your name in the console.
2. Print numbers from 1 to 10.
3. Print your favorite quote.
4. Print the sum of 2 numbers.
5. Print multiplication of 3 numbers.
6. Print 'Hello, JavaScript!' five times.
7. Print your name and age using variables.
8. Print the remainder of 25 divided by 4.
9. Print whether a number is positive.
10. Print a sentence with template literals.

Variables & Data Types (11–20)

11. Declare variables with var, let, and const.
12. Store your age in a variable and print it.
13. Swap values of two variables.
14. Store your name and city, print with template literals.
15. Check the type of a variable using typeof.
16. Convert a string '25' to a number.
17. Convert a number 100 to a string.
18. Store a boolean value and print it.
19. Create an object with name, age, and country.
20. Access values from that object.

Operators (21–30)

21. Add, subtract, multiply, divide two numbers.
22. Use modulus operator with any number.
23. Check if 10 is greater than 5.
24. Check if 15 is less than 10.
25. Check if 5 is equal to '5' using ==.
26. Check if 5 is equal to '5' using ===.
27. Use && operator with two conditions.
28. Use || operator with two conditions.
29. Use ! (NOT) operator with a boolean.
30. Increment and decrement a variable.

Conditional Statements (31–40)

31. Check if a number is positive, negative, or zero.
32. Check if a number is even or odd.
33. Check if you are eligible to vote (age \geq 18).
34. Find the greatest of 2 numbers.
35. Find the greatest of 3 numbers.
36. Check if a number is divisible by 5.
37. Check if a year is a leap year.
38. Print grades (A, B, C, F) based on score.

39. Check if a character is a vowel or consonant.
40. Use switch to print the day of the week.

Loops (41–50)

41. Print numbers from 1 to 20 using a loop.
42. Print even numbers from 1 to 20.
43. Print odd numbers from 1 to 20.
44. Print multiplication table of 5.
45. Print multiplication table of any number (user input).
46. Find the sum of numbers 1 to 10.
47. Find factorial of 5.
48. Print numbers from 10 down to 1.
49. Print squares of numbers 1 to 10.
50. Print Fibonacci series up to 10 terms.

Arrays (51–60)

51. Create an array of 5 fruits.
52. Print the first and last element of an array.
53. Find the length of an array.
54. Add a new element to an array.
55. Remove the last element of an array.
56. Remove the first element of an array.
57. Use for loop to print all array elements.
58. Find the largest number in an array.
59. Find the smallest number in an array.
60. Reverse an array.

Strings (61–70)

61. Store your full name and print it.
62. Find the length of a string.
63. Convert a string to uppercase.
64. Convert a string to lowercase.
65. Extract first 5 characters from a string.
66. Extract last 3 characters from a string.
67. Check if a word exists in a string.
68. Replace 'bad' with 'good' in a string.
69. Split a string into words.
70. Join an array of words into a string.

Functions (71–80)

71. Write a function to print 'Hello World'.
72. Function to add two numbers.
73. Function to check even or odd.
74. Function to find the square of a number.
75. Function to return the largest of two numbers.
76. Function to return the factorial of a number.
77. Function to reverse a string.
78. Function to check if a word is palindrome.
79. Function to return sum of an array.

80. Function to return max element in an array.

Objects & JSON (81–90)

- 81. Create an object person with name, age, city.
- 82. Print all properties of an object.
- 83. Add a new property to an object.
- 84. Delete a property from an object.
- 85. Check if a property exists in an object.
- 86. Loop through an object using for...in.
- 87. Convert an object to JSON string.
- 88. Convert JSON string back to object.
- 89. Create an array of objects and print them.
- 90. Find an object by property value in an array.

Miscellaneous (91–100)

- 91. Generate a random number between 1 and 10.
- 92. Generate a random number between 50 and 100.
- 93. Use Math.max and Math.min on an array.
- 94. Use Math.floor, Math.ceil, and Math.round.
- 95. Get the current date using Date().
- 96. Get the current year, month, and day.
- 97. Create a digital clock that updates every second.
- 98. Write a simple calculator (add, sub, mul, div).
- 99. Create a guessing game (user guesses number).
- 100. Print 'Game Over' after 5 guesses.