1. Write an if statement that checks if a string is empty.
2. Write an if-else statement that checks if a number is even or odd.
3. Write a for loop that prints the numbers 1 to 10.
4. Write a for loop that prints the even numbers between 1 and 10.
5. Write a for loop that prints the odd numbers between 1 and 10.
6. Write a function that takes in two numbers and returns their sum.
7. Write a function that takes in a string and returns the length of the string.
8. Write a function that takes in an array and returns the length of the array.
9. Write a function that takes in an object and returns the number of properties in the object.
10. Write a function that takes in a number and returns true if the number is even, false if it is odd.
11. Write a function that takes in a string and returns true if the string is empty, false otherwise.
12. Write a function that takes in an array and returns true if the array is empty, false otherwise.
13. Write a function that takes in an object and returns true if the object is empty, false otherwise.
14. Write a function that takes in an array of numbers and returns the sum of the numbers.
15. Write a function that takes in an array of strings and returns the length of the longest string.
16. write a function that takes in an array of numbers and returns a new array with each number multiplied by 2.
17. Write a function that takes in an array of strings and returns a new array with each string capitalized
18. Write a function that takes in a number and returns the factorial of that number
19. Write a function that takes in a string and returns the string reversed.
20. Write a function that takes in an array of numbers and returns the average of the numbers.
21. Write a function that takes in an array of strings and returns a new array with each string reversed.
22. Write a function that takes in an array of objects and returns a new array with the values of a specific property.
23. Write a function that takes in a number and returns true if the number is prime, false otherwise.
24. Write a function that takes in a string and returns true if the string is a palindrome, false otherwise
25. Write a function that takes in an array of numbers and returns the largest number in the array.
26. Write a function that takes in an array of strings and returns the shortest string in the array.
27. Write a function that takes in a number and returns a new array with all the prime numbers up to that number.
28. Write a function that takes in a string and returns a new string with all the vowels removed.
29. Write a function that takes in an array of numbers and returns a new array with all the numbers sorted in ascending order.
30. Write a function that takes in an array of strings and returns a new array with all the strings sorted in alphabetical order.
31. Write a function that takes in an array of objects and returns a new array with all the objects sorted by a specific property.
32. Write a function that takes in a number and returns the Fibonacci sequence up to that number.
33. Write a function that checks if a number is positive or negative.
34. Write a function that checks if a string is empty or not.
35. Write a function that returns the length of a given string.
36. Write a function that returns the sum of two given numbers.
37. Write a function that returns the product of two given numbers.
38. Write a function that finds the maximum of two given numbers.
39. Write a function that finds the minimum of two given numbers.
40. Write a function that checks if a given number is even or odd.
41. Write a function that checks if a given number is a multiple of 3.
42. Write a function that checks if a given number is a multiple of 5.
43. Write a function that checks if a given number is a multiple of both 3 and 5.
44. Write a function that checks if a given number is prime.
45. Write a function that finds the sum of all numbers from 1 to a given number.
46. Write a function that finds the product of all numbers from 1 to a given number.
47. Write a function that checks if a given string, is a palindrome.
48. Write a function that finds the reverse of a given string.
49. Write a function that finds the factorial of a given number.
50. Write a function that checks if a given string contains a given substring.
51. Write a function that removes all vowels from a given string.
52. Write a function that checks if a given string is a pangram (contains every letter of the alphabet).
53. Write a function that removes duplicate characters from a given string.
54. Write a function that sorts an array of numbers in ascending order.
55. Write a function that sorts an array of numbers in descending order.
56. Write a function that finds the maximum number in an array of numbers.
57. Write a function that finds the minimum number in an array of numbers.
58. Write a function that calculates the average of an array of numbers.
59. Write a function that checks if an array of numbers is sorted in ascending order.
60. Write a function that checks if an array of numbers is sorted in descending order.
61. Write a function that finds the sum of all numbers in an array of numbers.
62. Write a function that finds the product of all numbers in an array of numbers.
63. Write a function that finds the factorial of a given number using recursion.
64. Write a function that checks if a given number is a power of two.
65. Write a function that checks if a given number is a power of three. Write a function that checks if a given number is a power of 10.
66. Write a function that checks if a given number, is a perfect square.
67. Write a function that checks if a given number, is a perfect cube.
68. Write a function that finds the square root of a given number.
69. Write a function that finds the cube root of a given number
70. Write a function that converts a string to uppercase.
71. Write a function that converts a string to lowercase.
72. Write a function that converts a string to title case (capitalizes the first letter of each word).
73. Write a function that finds the length of the longest word in a given string.
74. Write a function that reverses the words in a given string.
75. Write a function that capitalizes the first letter of each word in a given string
76. Write a function that finds the median of an array of numbers.