

1. Write a program to check whether a number is even or odd.
2. Take three numbers and print the greatest among them.
3. Write a program to check if a number is positive, negative, or zero.
4. Take a user's age as input — print "Minor" if <18, else "Adult".
5. Check if a number is divisible by both 5 and 7.
6. Print all numbers from 1 to 50 using a `for` loop.
7. Print only even numbers between 1 and 30 using a `while` loop.
8. Calculate the sum of numbers from 1 to 100 using a loop.
9. Print the multiplication table of a number entered by the user.
10. Write a simple calculator using `if-elif-else` for +, -, ×, ÷.
11. Print all numbers from 10 to 1 in reverse order using a loop.
12. Count how many numbers between 1 and 50 are divisible by 3.
13. Create a list of 5 fruits and print the first and last fruit.
14. Add "Mango" to a list of fruits using `.append()`.
15. Replace the second item in a list with "Kiwi".
16. From a list of numbers, print only those greater than 50.
17. Create a list of 10 numbers and print their average.
18. Merge two lists and print the combined list.
19. Remove duplicates from a list using a loop.
20. Print each character of a string on a new line.
21. Count the number of vowels in a given string.
22. Check whether a word is a palindrome (same forward and backward).

23. Take a string input and print it in reverse order.
24. Convert all characters in a string to uppercase without using `.upper()`.
25. Find the length of a string without using `len()`.
26. Create a tuple with 5 elements and print the second and fourth element.
27. Convert a tuple to a list and add a new element.
28. Create a dictionary with 3 students' names and marks.
29. Add a new student and mark to the dictionary.
30. Print all keys and values from a dictionary using a loop.
31. Find and print the student with the highest mark from a dictionary.
32. Write a function `add(a, b)` that returns their sum.
33. Write a function to check whether a number is even or odd.
34. Write a function to calculate the factorial of a number.
35. Write a function that returns the square of all numbers in a list.
36. Write a function that counts vowels in a given string.
37. Write a function `greet(name)` that prints "Hello, <name>!".
38. Write a function that accepts any number of arguments and prints their sum.
39. Write a function that takes a dictionary of marks and returns the topper's name.
40. Write a lambda function to multiply two numbers.