FOR LOOP QUESTIONS

1. Write a program that prints numbers from 1 to 10 using a for loop.
2. Write a program that asks the user to enter a number and prints its multiplication table using a for loop.
3. Write a program that prints the sum of all even numbers between 1 and 100 using a for loop.
4. Write a program that prints the factorial of a given number using a for loop.
5. Write a program that prints the Fibonacci sequence up to a given number using a for loop.
6. Write a program that calculates the average of a list of numbers using a for loop.
7. Write a program that prints the reverse of a given string using a for loop.
8. Write a program that finds the largest number in a list using a for loop.
9. Write a program that checks if a given number is prime using a for loop.
10. Write a program that calculates the sum of all numbers divisible by 3 or 5 between 1 and 100 using a for loop.
11. Write a program that asks the user to enter a series of numbers and stops when the user enters a negative number using a for loop.
12. Write a program that counts the number of vowels in a given string using a for loop.
13. Write a program that checks if a given string is a palindrome using a for loop.
14. Write a program that prints a triangle of stars using a for loop.
15. Write a program that finds the second largest number in a list using a for loop.
16. Write a program that calculates the sum of all digits in a given number using a for loop.
17. Write a program that checks if a given number is a perfect square using a for loop.
18. Write a program that asks the user to enter a series of numbers and prints the sum and average using a for loop.
19. Write a program that prints the ASCII values of all characters in a given string using a for loop.
20. Write a program that checks if a given string is a pangram (contains all letters of the alphabet) using a for loop.
21. Write a program that calculates the power of a number using a for loop.
22. Write a program that prints the binary representation of a given number using a for loop.
23. Write a program that prints a pyramid of numbers from 1 to a given number using a for loop.
24. Write a program that calculates the product of all numbers in a list using a for loop.
25. Write a program that prints the uppercase letters of the alphabet using a for loop.
26. Write a program that asks the user to enter a series of numbers and prints the count of positive and negative numbers using a for loop.
27. Write a program that calculates the sum of all prime numbers between 1 and 100 using a for loop.
28. Write a program that prints the square of each number from 1 to 10 using a for loop.
29. Write a program that checks if a given number is a Armstrong number using a for loop.
30. Write a program that prints a pattern of numbers as follows using a for loop:

1

22

333

4444

55555

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WHILE LOOP QUESTIONS

1. Write a program that prints numbers from 1 to 10 using a while loop.

2. Write a program that asks the user to enter a number and prints its multiplication table using a while loop.

3. Write a program that asks the user to enter a password and keeps asking until the correct password is entered.

4. Write a program that prints the sum of all even numbers between 1 and 100 using a while loop.

5. Write a program that prints the factorial of a given number using a while loop.

6. Write a program that asks the user to guess a number between 1 and 10 and keeps asking until the correct number is guessed.

7. Write a program that counts the number of digits in a given number using a while loop.

8. Write a program that calculates the average of a list of numbers using a while loop.

9. Write a program that prints the Fibonacci sequence up to a given number using a while loop.

10. Write a program that asks the user to enter a series of numbers and stops when the user enters a negative number.

11. Write a program that asks the user to enter a string and prints each character on a new line using a while loop.

12. Write a program that finds the largest number in a list using a while loop.

13. Write a program that calculates the sum of all numbers divisible by 3 or 5 between 1 and 100 using a while loop.

14. Write a program that asks the user to enter a series of numbers and prints the maximum and minimum numbers using a while loop.

15. Write a program that counts the number of vowels in a given string using a while loop.

16. Write a program that checks if a given number is prime using a while loop.

17. Write a program that calculates the exponentiation of a number using a while loop.

18. Write a program that prints a triangle of stars using a while loop.

19. Write a program that finds the second largest number in a list using a while loop.

20. Write a program that checks if a given string is a palindrome using a while loop.

21. Write a program that calculates the sum of all digits in a given number using a while loop.

22. Write a program that prints the reverse of a given string using a while loop.

23. Write a program that calculates the product of all numbers in a list using a while loop.

24. Write a program that checks if a given number is a perfect square using a while loop.

25. Write a program that asks the user to enter a series of numbers and prints the sum and average using a while loop.

26. Write a program that prints the ASCII values of all characters in a given string using a while loop.

27. Write a program that checks if a given string is a pangram (contains all letters of the alphabet) using a while loop.

28. Write a program that asks the user to enter a series of numbers and prints the count of positive and negative numbers using a while loop.

29. Write a program that calculates the power of a number using a while loop.

30. Write a program to check whether a number is Armstrong or not.

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