

## Medium Level Python Programming Questions

1. Write a Python program to print all even numbers between 1 and 100 using a for loop.
2. Given a number, write a Python program to check if it is a prime number using if-else and for loop.
3. Write a program to print the factorial of a given number using a for loop.
4. Write a Python program that prints the Fibonacci sequence up to n terms using a for loop.
5. Create a Python program to find the sum of all numbers divisible by 3 or 5 between 1 and 100.
6. Write a program to count the number of vowels in a given string using a for loop and if-else.
7. Write a Python program to print a pattern like a right-angled triangle using a nested for loop.
8. Write a program that takes a list of integers and prints only the positive numbers using if-else and for loop.
9. Write a Python program to check whether a given string is a palindrome using for loop and if-else.
10. Write a Python program to find the maximum and minimum elements in a list using for loop and if-else.

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11. Write a Python program to reverse a given list using a for loop.
12. Write a program to find the GCD (Greatest Common Divisor) of two numbers using a for loop.
13. Create a Python program to check if a given year is a leap year using if-else.
14. Write a program to print all the numbers from 1 to 100 that are not divisible by 2 or 3.
15. Write a Python program to count the number of digits in a number using a for loop.
16. Create a program to print a multiplication table of a given number using a for loop.
17. Write a Python program that finds the average of numbers in a list using a for loop.
18. Write a program to remove all vowels from a given string using a for loop and if-else.
19. Write a Python program to print the square of all numbers from 1 to n using a for loop.
20. Write a Python program to categorize a given number as 'Positive', 'Negative', or 'Zero' using if-else.