Core PHP Program Questions for Practice

1. Basic 'Hello World' Program

Question: Write a PHP program to print "Hello, World!" to the screen.

2. Simple Arithmetic Operations

Question: Write a PHP program to perform basic arithmetic operations (addition, subtraction, multiplication, and division) on two variables.

3. Check Even or Odd Number

Question: Write a PHP program to check whether a given number is even or odd.

4. Factorial of a Number

Question: Write a PHP program to calculate the factorial of a given number using recursion.

5. Fibonacci Series

Question: Write a PHP program to generate the Fibonacci series up to a certain number of terms.

6. Reverse a String

Question: Write a PHP program to reverse a given string.

7. Palindrome Check

Question: Write a PHP program to check whether a given string is a palindrome.

8. Find the Largest of Three Numbers

Question: Write a PHP program to find the largest of three numbers.

9. Prime Number Check

Question: Write a PHP program to check whether a given number is a prime number or not.

10. Sum of Digits

Question: Write a PHP program to find the sum of digits of a number.

11. Swap Two Variables

Question: Write a PHP program to swap two variables without using a third variable.

12. Check for Leap Year

Question: Write a PHP program to check if a given year is a leap year or not.

13. Armstrong Number Check

Question: Write a PHP program to check whether a given number is an Armstrong number.

14. Count Vowels in a String

Question: Write a PHP program to count the number of vowels in a given string.

15. Find GCD of Two Numbers

Question: Write a PHP program to find the greatest common divisor (GCD) of two numbers.

16. Sum of Array Elements

Question: Write a PHP program to calculate the sum of elements in an array.

17. Merge Two Arrays

Question: Write a PHP program to merge two arrays and remove duplicate elements.

18. Calculate Power of a Number

Question: Write a PHP program to calculate the power of a number using a loop.

19. Find Length of a String

Question: Write a PHP program to find the length of a given string without using the built-in function.

20. Sort an Array

Question: Write a PHP program to sort an array in ascending or descending order.