

LAB-12

Write following Programs using user defined functions

1. Write a Menu Driven program to find addition, subtraction, multiplication and division all using user defined function for each operation.
2. Write a program to swap two values.
3. Write a program to determine whether a number is 'even' or 'odd'.
4. Write a program to find the greatest common divisor of two given numbers.
5. WAP to determine if a given number is prime or not.
6. WAP to divide one number by another without using the division operator.
7. WAP to calculate the factorial of a given number.
8. WAP to print all the factors of a given number.
9. WAP to generate a Fibonacci series.
10. WAP to convert binary number into decimal.
11. WAP to convert decimal into binary number.
12. WAP to calculate series :- $\sin X = X - \frac{X^3}{3!} + \frac{X^5}{5!} - \frac{X^7}{7!} + \dots$