



ASSIGNMENT

1. Write a function to indicate whether given number is prime or not.
int is_prime(int n); // return 1 if prime and 0 if non-prime.
Write another function to print prime numbers in the given range.
void print_primes(int min, int max);
2. Write a function to implement four function calculator. Function would take operands and operator as arguments and returns result.
int calculate(int num1, int num2, char op);
3. Write a program to accept a number and print all factors excluding the number (using loops). Implement code in factors() function.
void factors(int n);
Input: 24
Output: all factors: 1, 2, 3, 4, 6, 8, 12
4. Write a program to accept integer values of base and index and calculate power of base to index. Write logic in user defined power() function. Pass base & index to function and return result from function.
Input: base: 2 index: 5
Output: 32
Input: base: 8 index: 3
Output: 512