5.Write a C program to find Factorial of a given number using Recursion

```
#include <stdio.h>
unsigned long long factorial(int n) {
    if (n == 0 || n == 1) {
        return 1;
    } else {
        return n * factorial(n - 1);
    }
}
int main() {
    int num;
    unsigned long long result;
    printf("Enter a positive integer: ");
    scanf("%d", &num);
    if (num < 0) {
        printf("Factorial of a negative number doesn't exist.\n");
    } else {
        result = factorial(num);
        printf("Factorial of %d = %llu\n", num, result);
    }
    return 0;
}
```