

**Q 4B: Write a C++ program to find the sum of factorial of a given number using recursive function**

```
#include <iostream>
using namespace std;
int sumFact(long long f) {
    if(f == 0) {
        return 0;
    }
    int digit = f % 10;
    return digit + sumFact(f/10);
}
long long fact(int num) {
    if(num <= 1) {
        return 1;
    }
    return num * fact(num-1);
}
int main() {
    int num;
    cout << "Enter the number : ";
    cin >> num;
    cout << "Factorial of " << num << " : " << fact(num) << endl;
    cout << "Sum of factorial is : " << sumFact(fact(num)) << endl;
    return 0;
}
```