1. Greatest of Three Numbers

C Code:

```
#include <stdio.h>
int main() {
    int a, b, c;

    // Input three numbers
    printf("Enter three numbers: ");
    scanf("%d %d %d", &a, &b, &c);

    // Find the greatest number
    if (a >= b && a >= c) {
        printf("The greatest number is %d\n", a);
    } else if (b >= a && b >= c) {
        printf("The greatest number is %d\n", b);
    } else {
        printf("The greatest number is %d\n", c);
    }

    return 0;
}
```

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2. Sum of N Numbers

C Code:

```
#include <stdio.h>

int main() {
    int N, sum = 0, num;

    // Input the number of terms
```

```
    printf("Enter the number of terms: ");
    scanf("%d", &N);

    // Input N numbers and calculate the sum
    for (int i = 1; i <= N; i++) {
        printf("Enter number %d: ", i);
        scanf("%d", &num);
        sum += num;
    }

    // Output the sum
    printf("The sum of the %d numbers is: %d\n", N, sum);

    return 0;
}
```

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3. Computation of nCr (Combination Formula)

C Code:

```
#include <stdio.h>

// Function to calculate factorial
long long factorial(int n) {
    long long fact = 1;
    for (int i = 1; i <= n; i++) {
        fact *= i;
    }
    return fact;
}

int main() {
    int n, r;
```

```
    // Input n and r
    printf("Enter values for n and r: ");
    scanf("%d %d", &n, &r);

    // Check for valid input
    if (r > n) {
        printf("Invalid input! r cannot be greater than
n.\n");
        return 1;
    }

    // Compute nCr using the formula nCr = n! / (r!(n-r)!)
    long long nCr = factorial(n) / (factorial(r) *
factorial(n - r));

    // Output the result
    printf("The value of %dC%d is: %lld\n", n, r, nCr);

    return 0;
}
```