3a. Program to find the factorial of a given number.

```c
#include <stdio.h>

int main() {
    int n, i;
    long long factorial = 1;

    printf("Enter a number: ");
    scanf("%d", &n);

    if (n < 0)
        printf("Factorial of a negative number doesn't exist.\n");
    else {
        for (i = 1; i <= n; i++) {
            factorial *= i;
        }
        printf("Factorial of %d = %lld\n", n, factorial);
    }

    return 0;
}
```

Output

```
Enter a number: 5
Factorial of 5 = 120

=== Code Execution Successful ===
```

3b. Program to print sum of even and odd numbers from 1 to N

```c
#include <stdio.h>

int main() {
    int n, i;
    int sumEven = 0, sumOdd = 0;

    printf("Enter the value of N: ");
    scanf("%d", &n);

    for (i = 1; i <= n; i++) {
        if (i % 2 == 0)
            sumEven += i;
        else
            sumOdd += i;
    }

    printf("Sum of even numbers from 1 to %d = %d\n", n, sumEven);
    printf("Sum of odd numbers from 1 to %d = %d\n", n, sumOdd);

    return 0;
}
```

Output

```
Enter the value of N: 10
Sum of even numbers from 1 to 10 = 30
Sum of odd numbers from 1 to 10 = 25

=== Code Execution Successful ===
```