sum_two_num.c

```c
#include <stdio.h>

/*
* Program to sum two numbers entered by the user
* process: 1
*/

int main(){
    // Declare variables
    int num1;
    int num2;
    int sum;
    // Prompt user for first number
    printf("Enter first number: ");
    // Read first number
    scanf("%d", &num1);
    // Prompt user for second number
    printf("Enter second number: ");
    // Read second number
    scanf("%d", &num2);
    // Calculate sum
    sum = num1 + num2;
    // Display result
    printf("The sum of %d and %d is %d\n", num1, num2, sum);
    return 0;
}

/*
**********************************************
* Sample Output:
* Enter first number: 5
* Enter second number: 10
* The sum of 5 and 10 is 15
**********************************************
*/
```

sum_two_num_process_2.c

```c
1   #include <stdio.h>
2   /*
3   * Program to sum two numbers entered by the user
4   * process: 2
5   */
6
7   int main(){
8       // Declare variables
9       int num1, num2, sum;
10      // Prompt user for input
11      printf("Enter two numbers separated by space: ");
12      // Read user input
13      scanf("%d %d", &num1, &num2);
14      // Calculate sum
15      sum = num1 + num2;
16      // Display result
17      printf("The sum of %d and %d is %d\n", num1, num2, sum);
18      return 0;
19  }
20
21  /*
22  *********************************************
23  * Sample Output:
24  * Enter two numbers separated by space: 5 10
25  * The sum of 5 and 10 is 15
26  *********************************************
27  */
```

sum_two_num_process_3.c

```c
#include <stdio.h>
/*
* Program to sum two numbers entered by the user
* process: 3
*/

int main(){
    // Declare variables
    int num1, num2;
    // Prompt user for input
    printf("Enter two numbers separated by space: ");
    // Read user input
    scanf("%d %d", &num1, &num2);
    // Display result
    printf("The sum of %d and %d is %d\n", num1, num2, num1 + num2);
    return 0;
}

/*
*********************************************
* Sample Output:
* Enter two numbers separated by space: 5 10
* The sum of 5 and 10 is 15
*********************************************
*/
```

substraction.c

```c
#include <stdio.h>

/*
**********************************************************
* Program to subtract two numbers entered by the user
* process: 1
**********************************************************
*/

int main(){
    // Declare variables
    int num1, num2;
    // Prompt user for input
    printf("Enter two numbers separated by space: ");
    // Read user input
    scanf("%d %d", &num1, &num2);
    // Display result
    printf("The difference of %d and %d is %d\n", num1, num2, num1 - num2);
    return 0;
}

/*
*********************************************
* Sample Output:
* Enter two numbers separated by space: 5 10
* The difference of 5 and 10 is -5
*********************************************
*/
```

multiplication_two_num.c

```c
#include <stdio.h>

/*
**********************************************************************
* Write a C program to multiply two numbers entered by the user
**********************************************************************
*/

int main(){
    // Declare variables
    int num1, num2, product;
    // Prompt user for input
    printf("Enter two numbers separated by space: ");
    // Read user input
    scanf("%d %d", &num1, &num2);
    // Calculate product
    product = num1 * num2;
    // Display result
    printf("The product of %d and %d is %d\n", num1, num2, product);
    return 0;
}

/*
***********************************************************
* Sample Output:
* Enter two numbers separated by space: 3 4
* The product of 3 and 4 is 12
***********************************************************
*/
```

area_square.c

```c
1  #include <stdio.h>
2
3  /*
4  ************************************************************
5  * Write a C program to calculate the area of a square
6  * given the length of its side entered by the user
7  ************************************************************
8  */
9
10 int main(){
11     // using int variable
12     int side, area;
13     // Prompt user for input
14     printf("Enter the length of the side of the square: ");
15     // Read user input
16     scanf("%d", &side);
17     // Calculate area
18     area = side * side;
19     // Display result
20     printf("The area of the square with side %d is %d\n", side, area);
21     return 0;
22 }
23
24 /*
25 ************************************************************
26 * Sample Output:
27 * Enter the length of the side of the square: 5
28 * The area of the square with side 5 is 25
29 ************************************************************
30 */
```