

```
1  #include <stdio.h>
2
3  int main(void)
4  {
5      //variable declarations
6      int a;
7      int b;
8      int result;
9
10     //code
11     printf("\n\n");
12     printf("Enter A Number : ");
13     scanf("%d", &a);
14
15     printf("\n\n");
16     printf("Enter Another Number : ");
17     scanf("%d", &b);
18
19     printf("\n\n");
20
21     // *** The Following Are The 5 Arithmetic Operators +, -, *, / and % ***
22     // *** Also, The Resultants Of The Arithmetic Operations In All The Below
23     // Five Cases Have Been Assigned To The Variable 'result' Using the
24     // Assignment Operator (=) ***
25
26     result = a + b;
27     printf("Addition Of A = %d And B = %d Gives %d.\n", a, b, result);
28
29     result = a - b;
30     printf("Subtraction Of A = %d And B = %d Gives %d.\n", a, b, result);
31
32     result = a * b;
33     printf("Multiplication Of A = %d And B = %d Gives %d.\n", a, b, result);
34
35     result = a / b;
36     printf("Division Of A = %d And B = %d Gives Quotient %d.\n", a, b, result);
37
38     result = a % b;
39     printf("Division Of A = %d And B = %d Gives Remainder %d.\n", a, b,
40           result);
41
42     printf("\n\n");
43
44     return(0);
45 }
```