

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      int x,y;
7      printf("enter the values of x and y");
8      scanf("%d%d", &x, &y);
9      int sum, sub, mult;
10     double div;
11     calc(x,y, &sum, &sub, &mult, &div);
12     printf("The result of summation is: %d\n", sum);
13     printf("The result of subtraction is: %d\n", sub);
14     printf("The result of multiplication is: %d\n", mult);
15     printf("The result of division is: %lf\n", div);
16     return 0;
17 }
18 void calc (int x, int y, int *sum, int *sub, int *mult, double *div){
19     *sum= x+y;
20     *sub= x-y;
21     *mult= x*y;
22     *div= x/y;
23 }
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11    calc(x,y, &sum, &sub, &mult, &div);
12    printf("The result of summation is: %d\n", sum);
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16    return 0;
17 }
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19 void calc(int x, int y, int *sum, int *sub, int *mult, double *div){
20     *sum= x+y;
21     *sub= x-y;
22     *mult= x*y;
23     *div= (double)x/y;
24 }
```

cast