

```
#include<stdio.h>
int main()
{
    int a,b,sum,difference,product;
    float division,modulus;
    printf("enter two numbers:");
    scanf("%d%d",&a,&b);
    sum=a+b;
    difference=a-b;
    product=a*b;
    division=a/b;
    modulus=a%b;
    printf("the sum of %d and %d is %d\n",a,b,sum);
    printf("the difference of %d and %d is %d\n",a,b,difference);
    printf("the product of %d and %d is %d\n",a,b,product);
    printf(" %d by %d is %f\n",a,b,division);
    printf("the modulus of %d anf %d is %f\n",a,b,modulus);
}
```

