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#include<stdio.h>
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int main()
```

```
{
```

```
    int a,b,sum,dif,mul,mod;  
    float div;
```

```
    printf("enter two numbers\n");  
    scanf("%d%d",&a,&b);
```

```
    sum=a+b;  
    dif=a-b;  
    mul=a*b;  
    div=a/b;  
    mod=a%b;
```

```
    printf("sum of %d and %d is %d\n",a,b,sum);  
    printf("difference of %d and %d is %d\n",a,b,dif);  
    printf("multiplication of %d and %d is %d\n",a,b,mul);  
    printf("division of %d and %d is %f\n",a,b,div);  
    printf("modulo of %d and %d is %d\n",a,b,mod);
```

```
}
```