Q.1 Write a Program to perform all arithmetic operators such as +, -, *, / and %

Ans: coding:

```c
#include<stdio.h>

int main (){

   int a=12;
   float ans;
   int b=6;
   ans=a+b;

  printf("\naddition of%dand%dis%f",a,b,ans);

   ans=a-b;
   printf("\nSubtraction of %d and %d is %f",a,b,ans);
   ans=a*b;
   printf("\nMultiplication of %d and %d is %f",a,b,ans);
   ans=a/b;
   printf("\nDivision of %d and %d is %f",a,b,ans);
   ans=a%b;
   printf("\nModulo of %d and %d is %f",a,b,ans);
   printf("\n");
    printf("\n");
     printf("\n");
   ans=a+b;

   printf("\n%d+%d=%f",a,b,ans);
   ans=a-b;
   printf("\n%d-%d=%f",a,b,ans);
   ans=a*b;
   printf("\n%d*%d=%f",a,b,ans);
   ans=a/b;
   printf("\n%d/%d=%f",a,b,ans);
   ans=a%b;
   printf("\n%d%%d=%f",a,b,ans);
   return 0;

}
```

Output:

tmp/lpUPpLljID.o

addition of12and6is18.000000
Subtraction of 12 and 6 is 6.000000
Multiplication of 12 and 6 is 72.000000
Division of 12 and 6 is 2.000000
Modulo of 12 and 6 is 0.000000

12+6=18.000000
12-6=6.000000
12*6=72.000000
12/6=2.000000
12%d=0.000000

=== Code Execution Successful ===