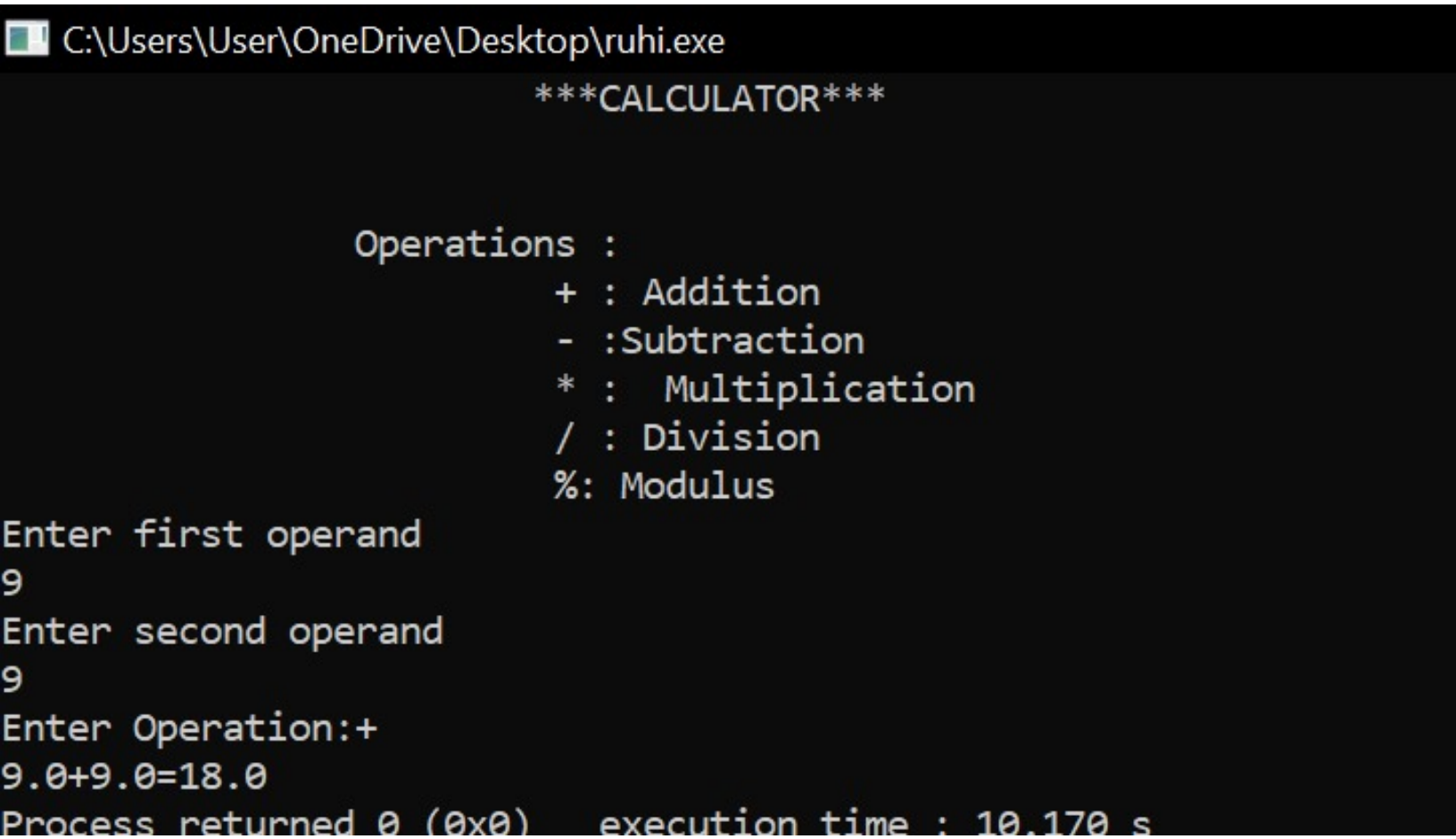
```
#include<stdio.h>
int main ()
{
 int mod_result;
  float num1,num2,result,repeat;
  char operator;


printf("\t\t\t***CALCULATOR***\n\n\n");
printf("\t\tOperations :\n");
printf("\t\t\t + : Addition\n");
printf("\t\t\t - :Subtraction\n");
printf("\t\t\t * :  Multiplication\n");
printf("\t\t\t / : Division\n");
printf("\t\t\t %%: Modulus\n");

repeat;
printf("Enter first operand\n");
scanf("%f",&num1);
printf("Enter second operand\n");
scanf("%f",&num2);
printf("Enter Operation:");
scanf(" %c",&operator);

switch (operator)
{
case '+' :
    result=num1+num2;
    printf("%.1f+%.1f=%.1f",num1,num2,result);
    break;
case '-':
        result=num1-num2;
    printf("%.1f-%.1f=%.1f",num1,num2,result);
    break;
case '*':
        result=num1*num2;
    printf("%.1f*%.1f=%.1f",num1,num2,result);
    break;
case '/':
 if (num2==0)
    printf("cannot divide by zero");
    {
        result=num1/num2;
        printf("%.1f/%.1f=%.1f",num1,num2,result);
        break;
case '%':
    mod_result = (int)num1 % (int)num2;
    printf("%.0f %%.0f = %d",num1,num2,mod_result);
    break;

    default:
    printf("Invalid operator.Try Again.");
    break;
```

```
        }




}

}
```


C:\Users\User\OneDrive\Desktop\ruhi.exe
CALCULATOR
Operations :
+ : Addition
- :Subtraction
* : Multiplication
/ : Division
%: Modulus
Enter first operand
9
Enter second operand
9
Enter Operation:+
9.0+9.0=18.0
Process returned 0 (0x0) execution time : 10.170 s