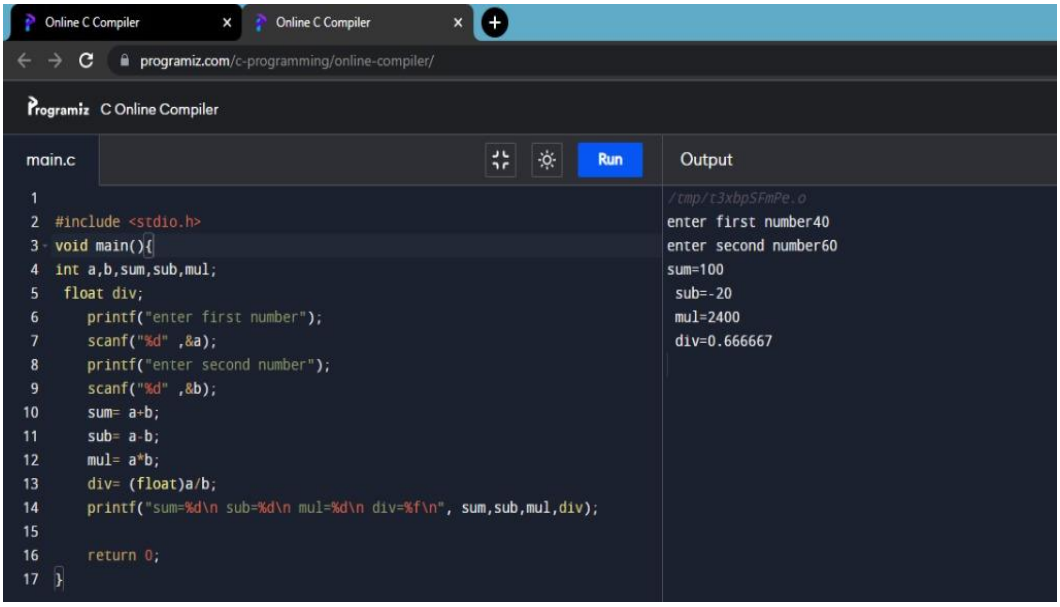
Program 1: WAP to display addition, subtraction, multiplication and division of two numbers.

Source code:

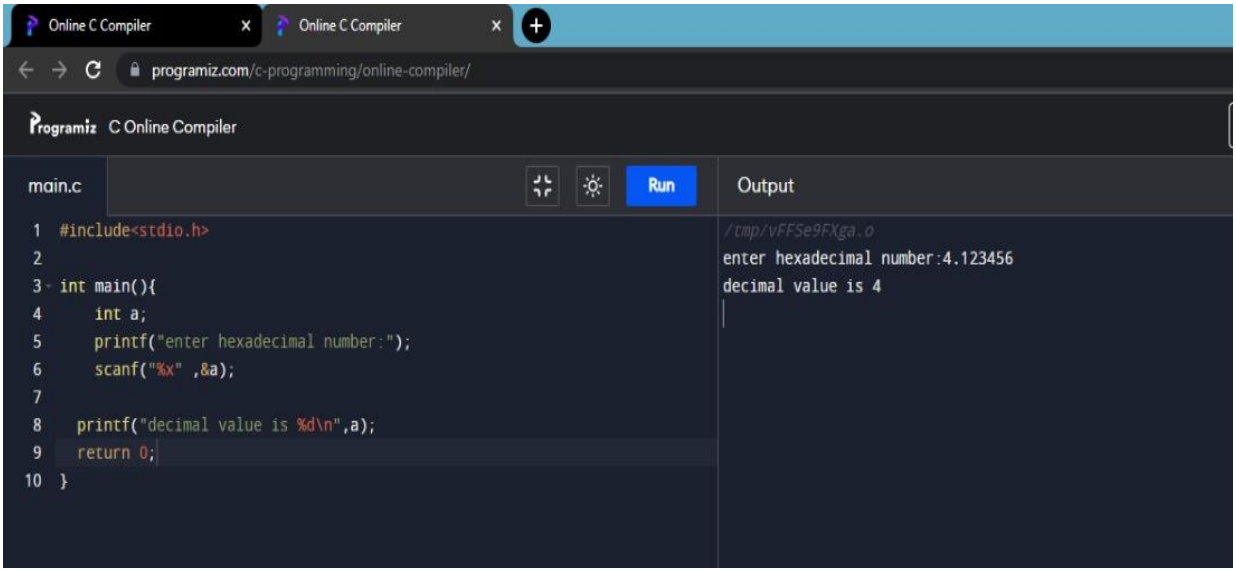
```
#include <stdio.h>
void main(){
int a,b,Sum,Sub,Mul;
float Div;
printf("enter first number");
scanf("%d",&a);
printf("enter second number");
scanf("%d",&b);
Sum = a+b;
Sub = a-b;
Mul = a*b;
Div =(float) a/b;
printf ("Sum = %d \n Sub = %d \n Mul= %d \n Div=%f\n", Sum, Sub, Mul, Div);

return 0;
}
```



Program 2: WAP to accept hexadecimal number and display its decimals.

Source code

```
#include <stdio.h>
Int main(){
int a;
printf("enter hexadecimal number : ");
scanf("%x",&a);
printf("Decimal value is %d\n",a);
return 0;
}
```



Program 3: WAP to use %i identifier to display octal and hexadecimal numbers.

Source code

```
#include<stdio.h>
void main(){
int a,b,c;
printf("enter decimal number: ");
scanf("%i",&a);
printf("enter hexadecimal number: ");
scanf("%i" ,&b);
printf("enter octal number:");
scanf("%i" ,&c);
printf("a=%i, b=%i, c=%i",a,b,c);

return 0;
}
```