1. Write a program to read in two integers and perform the following operations on them: addition, subtraction, multiplication, division, and modulo.

**Addition:**

**Program:**

#include <iostream>

using namespace std;

int main()

{

int first\_number, second\_number, sum;

cout << "Enter two integers: ";

cin >> first\_number >> second\_number;

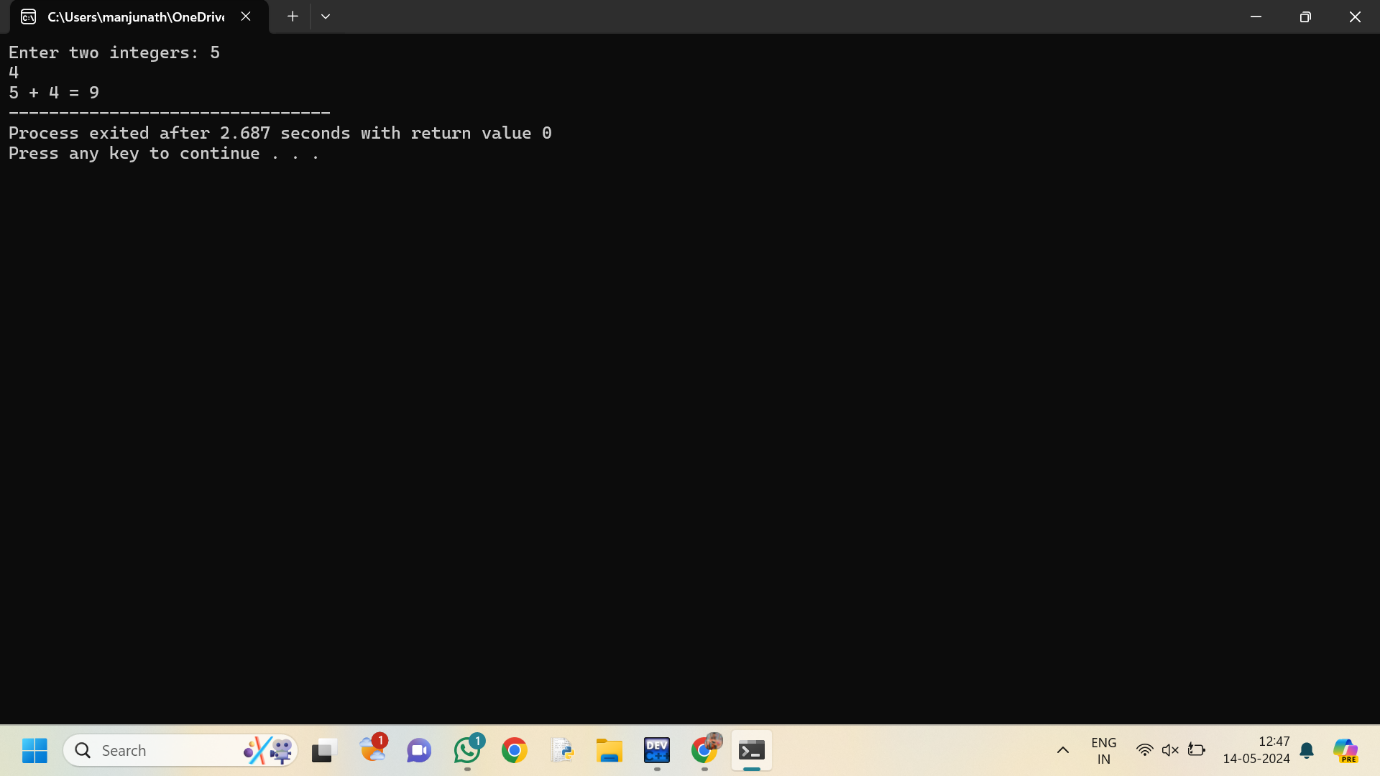
sum = first\_number + second\_number;

cout << first\_number << " + " << second\_number << " = " << sum;

return 0;

}

**Output:**

****

**Subtraction**

**Program:**

#include<iostream>

using namespace std;

int main()

{

int a=12;

int b=3;

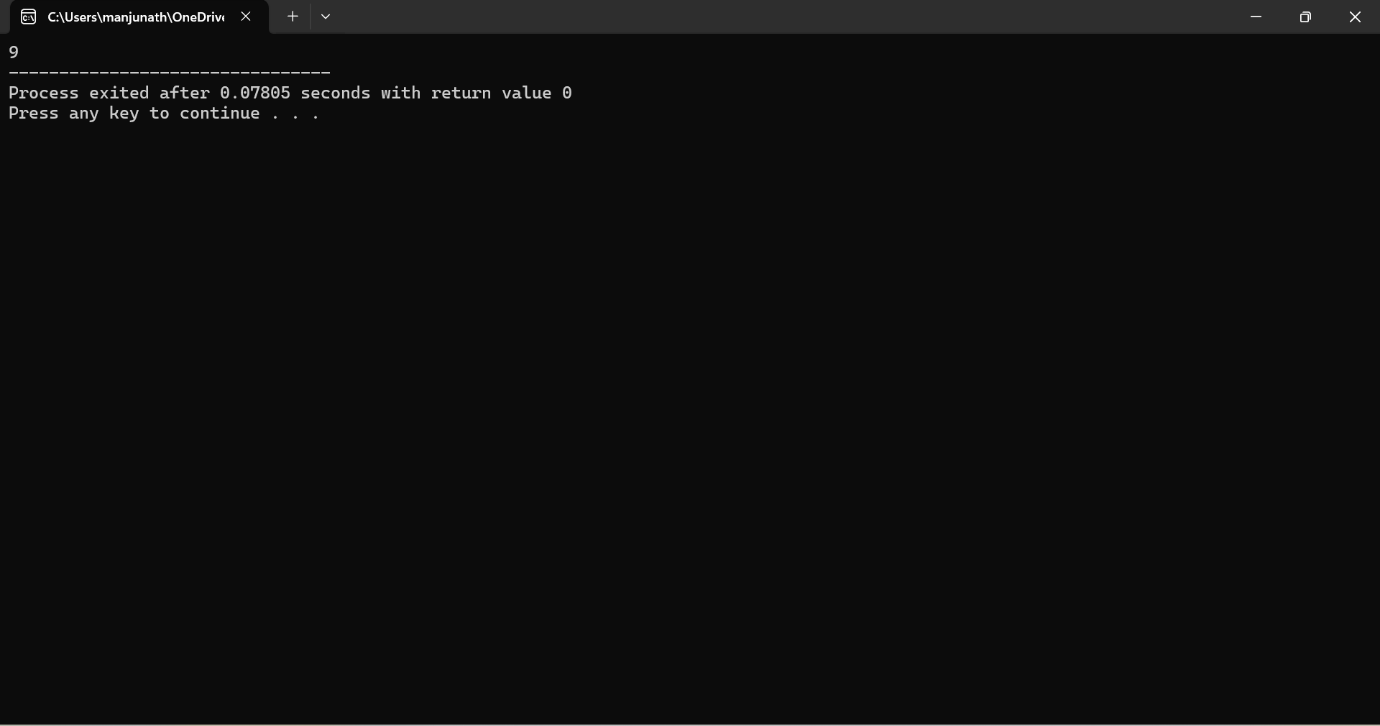
int diff = a - b;

cout << diff;

return 0;

}

**Output:**

****

**3.MULTIPLICATION:**

**Program:**

#include<iostream>

using namespace std;

int main()

{

double num1,num2,product;

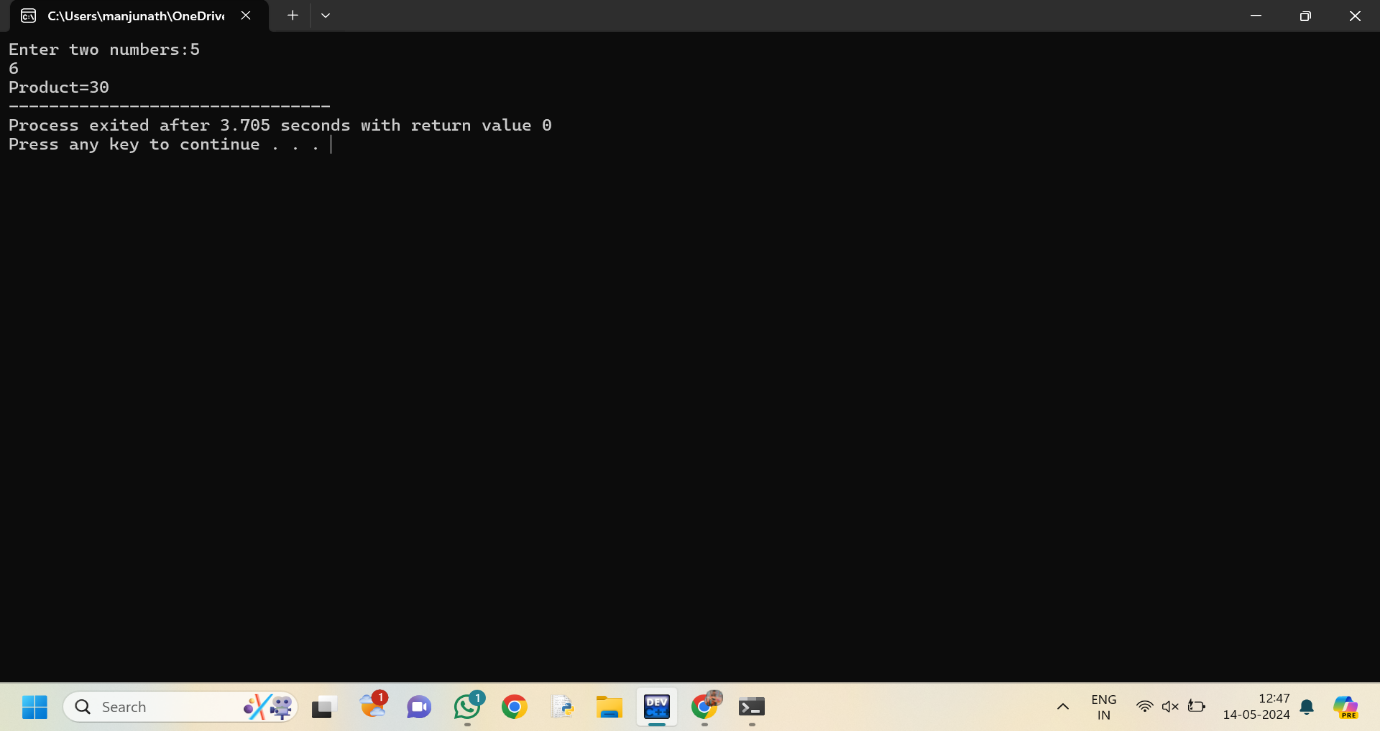
cout<<"Enter two numbers:";

cin>> num1 >> num2;

product=num1\*num2;

cout<<"Product="<<product;

return 0;

}****

**4.DIVISION:**

#include<iostream>

using namespace std;

int main()

{

int a=12;

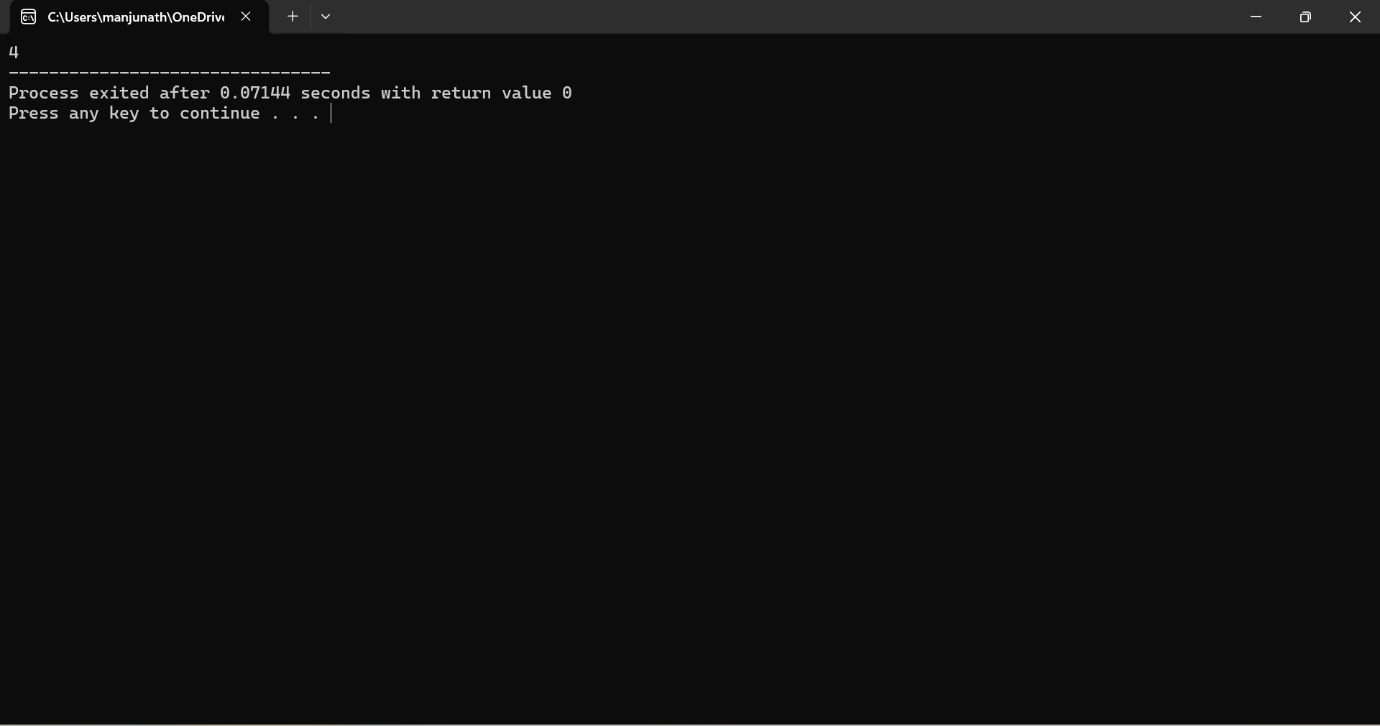
int b=3;

int div = a/b;

cout << div;

return 0;

}

**OUTPUT:  
**

**5.MODULE**

**Program**

**#include <iostream>**

**using namespace std;**

**int main() {**

**int a = 13;**

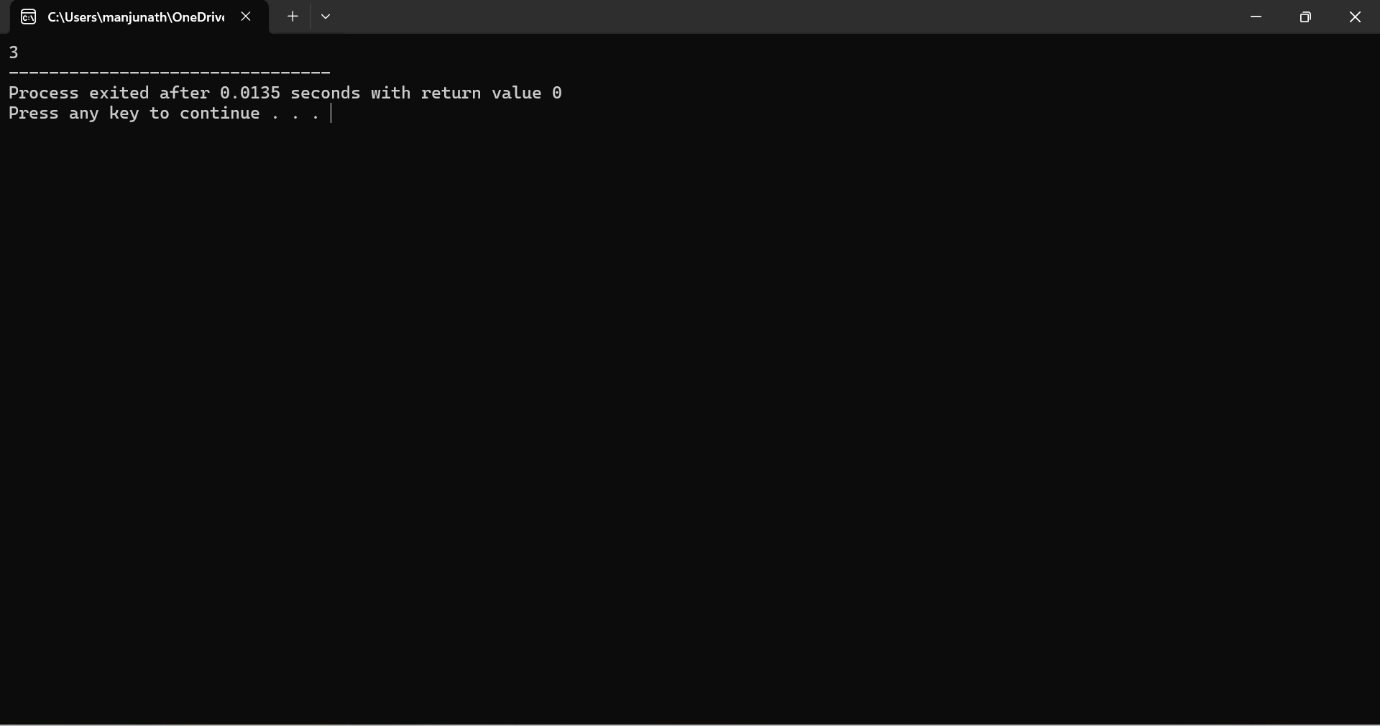
**int b = 5;**

**int modulo = a%b;**

**cout << modulo;**

**}**

**OUTPUT:**

****