14. Design of 2 stage pipeline for addition and subtraction of two numbers using any high level language.

PROGRAM:

#include <stdio.h>

int main()

{

int first, second, add, subtract, multiply;

float divide;

printf("Enter two integers\n");

scanf("%d%d", &first, &second);

add = first + second;

subtract = first - second;

multiply = first \* second;

divide = first / (float)second;

printf("Sum = %d\n",add);

printf("Difference = %d\n",subtract);

printf("Multiplication = %d\n",multiply);

printf("Division = %.2f\n",divide);

return 0;

}

OUTPUT:

Enter two integers

10

20

Sum = 30

Difference = -10

Multiplication = 200

Division = 0.50