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Console.WriteLine("Enter first number: ");
// get first number from user
int num1 = int.Parse(Console.ReadLine());

Console.WriteLine("Enter second number: ");
// get second number from user
int num2 = int.Parse(Console.ReadLine());

Console.WriteLine("Enter Operation(+, -, *, :, ^): ");
// get mathematical operation from user
char operation = char.Parse(Console.ReadLine());

// check operation input from user and calculate according
to it
if (operation == '+' )
    Console.WriteLine($"{num1} + {num2} = {num1 + num2}");
else if (operation == '-')
    Console.WriteLine($"{num1} - {num2} = {num1 - num2}");
else if (operation == '*')
    Console.WriteLine($"{num1} * {num2} = {num1 * num2}");
else if (operation == ':')
    // Define error of division by zero
    {
        if (num2 == 0)
            Console.WriteLine("Error: division by zero is
undefined");
        else
            Console.WriteLine($"{num1} - {num2} = {num1 -
num2}");
    }
else if (operation == '^')
    Console.WriteLine($"{num1} ^ {num2} = {Math.Pow(num1,
num2)}");

```