

GAYATHRI

4AL19CS035

Algorithm

Step 1: Start

Step 2: Input num1, num2

Step 3: $n1 = \&num1$

Step 4: $n2 = \&num2$

Step 5: Display choose operator to perform (+, -, *, /)

input ch

Step 6: Switch(ch)

case '+': $result = *n1 + *n2$

output $*n1, ch, *n2, result$

break

case '-': $result = *n1 - *n2$

output $*n1, ch, *n2, result$

break

case '*': $result = *n1 * *n2$

output $*n1, ch, *n2, result$

break

case '/': if ($*n2 == 0$)

Display math Error

else

$result = (\text{float}) *n1 / (\text{float}) *n2$

output $*n1, ch, *n2, result$

break

case '10': $result = *n1 - 1 - *n2$

output $*n1, ch, *n2, result$

break;

default: Display Invalid operation

break

Step 7: Stop



