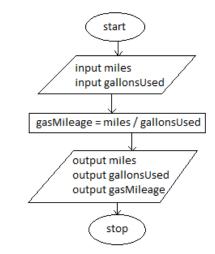
## Exam 1 Programs

## Program 1.

```
    start
        input miles
        input gallonsUsed
        gasMileage = miles / gallonsUsed
        output miles
        output gallonsUsed
        output gasMileage
        stop
```



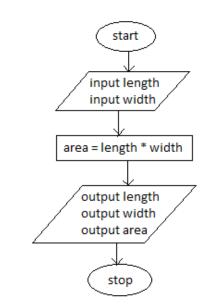
```
gram 1.cpp X
         #include <iostream>
        using namespace std;
 3
         int main()
 4
 5
             double MilesDriven;
 6
             double GallonsUsed;
 7
             double GasMileage;
 8
 9
             cout << "Enter miles driven this week: ";</pre>
10
             cin >> MilesDriven;
             cout << "Enter gallons used this week: ";</pre>
11
             cin >> GallonsUsed;
12
13
             GasMileage = MilesDriven / GallonsUsed;
14
15
16
             cout << endl;
             cout << "Miles driven: " << MilesDriven << endl;</pre>
17
18
             cout << "Gallons used: " << GallonsUsed << endl;</pre>
19
             cout << "Miles per gallon: " << GasMileage << endl << endl;</pre>
20
21
             cout << "Code by Jacob Smetana" << endl;</pre>
22
23
              return 0;
24
            "C:\Users\Nii-san\Desktop\prog fund 1\Exam 1\Program 1.exe"
25
            Enter miles driven this week: 100
Enter gallons used this week: 5
            Miles driven: 100
Gallons used: 5
Miles per gallon: 20
            Code by Jacob Smetana
            Process returned 0 (0x0) execution time : 3.445 s
Press any key to continue.
```

## Program 2.

```
2. start
input length
input width

area = length * width

output length
output width
output area
stop
```



```
gram 2.cpp ×
 1
         #include <iostream>
 2
         using namespace std;
 3
         int main()
 4
       □ {
              double Length;
 5
 6
              double Width;
 7
              double SquareFootage;
 8
 9
              cout << "Enter length of floor in feet: ";</pre>
10
              cin >> Length;
11
              cout << "Enter width of floor in feet: ";</pre>
12
              cin >> Width;
13
14
              SquareFootage = Length * Width;
15
16
              cout << endl;
17
              cout << "Length of floor: ";</pre>
              cout << Length << " ft" << endl;</pre>
18
19
              cout << "Width of floor: ";
20
              cout << Width << " ft" << endl;
              cout << "Area of floor: ";</pre>
21
22
              cout << SquareFootage << " square ft";</pre>
23
              cout << endl << endl;
24
25
              cout << "Code by Jacob Smetana" << endl;</pre>
26
27
              return 0;
28
            "C:\Users\Nii-san\Desktop\prog fund 1\Exam 1\Program 2.exe"
29
            Enter length of floor in feet: 13
Enter width of floor in feet: 10
            Length of floor: 13 ft
Width of floor: 10 ft
Area of floor: 130 square ft
            Code by Jacob Smetana
            Process returned 0 (0x0) execution time : 4.037 s
Press any key to continue.
```