```
30          // This program calculates a quote for a painting job
31          // based on data entered by the user
32          private void quoteBtn_Click(object sender, EventArgs e)
33          {
34              // Constants
35              const decimal SQ_FEET_PER_GAL = 275.0m; // Sq ft covered per gallon of paint
36              const decimal HOURS_PER_GAL = 8.0m;// Hours of labor per gallon of paint
37              const decimal LABOR_HR_RATE = 12.50m;// Hourly pay rate for labor
38              // Input variables
39              decimal sqFt; // Square feet to be painted
40              int coats;// Number of coats of paint
41              decimal galPrice;// Price of gallon of paint
42              // Output variables
43              decimal totalSqFt; // Total sq ft, including coats
44              decimal gallonsUsed;// Gallons of paint actually applied to walls
45              decimal gallonsBought;// Whole number of gallons of paint needed
46              decimal hoursLabor;// Hours of labor needed
47              decimal paintCost;// Cost of paint needed
48              decimal laborCost;// Cost of labor needed
49              decimal totalCost;// Total cost of job
50              // Parse input data
51              sqFt = decimal.Parse(sqFtInTxt.Text);
52              coats = int.Parse(coatsTxt.Text);
53              galPrice = decimal.Parse(ppgTxt.Text);
54              // Perform paint job calculations
55              totalSqFt = sqFt * coats;
56              gallonsUsed = totalSqFt / SQ_FEET_PER_GAL;
57              gallonsBought = Math.Ceiling(gallonsUsed); // Round up, leave as decimal
58              hoursLabor = gallonsUsed * HOURS_PER_GAL;
59              paintCost = gallonsBought * galPrice;
60              laborCost = hoursLabor * LABOR_HR_RATE;
61              totalCost = paintCost + laborCost;
62              // Display results
63              totalSqFtOutLbl.Text = totalSqFt.ToString("N1");
64              gallonsOutLbl.Text = gallonsBought.ToString();
65              hoursOutLbl.Text = hoursLabor.ToString("N1");
66              paintCostOutLbl.Text = paintCost.ToString("C");
67              laborCostOutLbl.Text = laborCost.ToString("C");
68              totalCostOutLbl.Text = totalCost.ToString("C");
69          }
```