

```
1 //Programmer: Aaron Yoon
2 //Date: 9/20/22
3 //Project: BMI calculator
4
5
6 using System;
7 using System.Collections.Generic;
8 using System.ComponentModel;
9 using System.Data;
10 using System.Drawing;
11 using System.Linq;
12 using System.Text;
13 using System.Threading.Tasks;
14 using System.Windows.Forms;
15
16 namespace BMI_calculator
17 {
18     public partial class Form1 : Form
19     {
20         int totalPeople;
21         double totalBMI;
22         public Form1()
23         {
24             InitializeComponent();
25         }
26
27         private void btnQUIT_Click(object sender, EventArgs e)
28         {
29             this.Close();
30         }
31
32         private void Form1_Load(object sender, EventArgs e)
33         {
34
35         }
36
37         private void label3_Click(object sender, EventArgs e)
38         {
39
40         }
41
42         private void button1_Click(object sender, EventArgs e)
43         {
44             try
45             {
46                 txtBMI.Text = (poundToKilos() / (feetToMeters() *
47                                     feetToMeters())).ToString("F");
48                 lblTotalPeople.Text = (totalPeople += 1).ToString();
49                 totalBMI += poundToKilos() / (feetToMeters() *
```

```
        feetToMeters());
49         lblAvgBMI.Text = (totalBMI / totalPeople).ToString("F");
50     }
51
52     catch
53     {
54         MessageBox.Show("Missing Data",
55             "Data Error",
56             MessageBoxButtons.OK,
57             MessageBoxIcon.Error
58         );
59     }
60 }
61
62 private double feetToMeters()
63 {
64     double feet = double.Parse(txtFeet.Text);
65     double inches = double.Parse(txtInches.Text);
66     double meters = (feet * 12 + inches) * 0.0254;
67     return meters;
68 }
69
70 private double poundToKilos()
71 {
72     double kilos = double.Parse(txtWeight.Text) * 0.454;
73     return kilos;
74 }
75
76 private void arbiWeight_Click(object sender, EventArgs e)
77 {
78
79 }
80
81 private void txtInches_TextChanged(object sender, EventArgs e)
82 {
83
84 }
85
86 private void txtFeet_TextChanged(object sender, EventArgs e)
87 {
88
89 }
90
91 private void arbiFeet_Click(object sender, EventArgs e)
92 {
93
94 }
95
96 private void arbiInches_Click(object sender, EventArgs e)
```

```
97         {
98
99         }
100
101     private void txtWeight_TextChanged(object sender, EventArgs e)
102     {
103
104     }
105     }
106 }
107
```