```csharp
using System;
using System.Drawing;
using System.Drawing.Printing;
using System.Windows.Forms;

namespace Calculator_Pay
{
    public partial class Form1 : Form
    {
        Color color = Color.FromArgb(248, 212, 136);
        Color header = Color.FromArgb(132, 0, 6);
        Color text = Color.FromArgb(128, 24, 0);
        Color btnc = Color.FromArgb(8, 0, 0);

        Font font_h = new Font("Arial Narrow", 14, FontStyle.Regular);
        Font font_header = new Font("Arial Black", 14, FontStyle.Underline);
        Font font_p = new Font("Arial Narrow", 12, FontStyle.Regular);
        Font font_p_gp = new Font("Arial Narrow", 12, FontStyle.Underline);
        Font font_button = new Font("Arial Black", 11, FontStyle.Regular);

        public Form1()
        {
            InitializeComponent();
            label4.Text="Надбавки";

            // Шрифт

            button3.Font=font_button;
            button2.Font=font_button;
            button1.Font=font_button;

            label10.Font=font_h;
            label1.Font=font_h;
            label2.Font=font_h;
            label9.Font=font_header;

            label11.Font=font_p;
            label12.Font=font_p;
            label13.Font=font_p;
            label14.Font=font_p;
            label15.Font=font_p;
            label3.Font=font_p;
            label4.Font=font_p;
            label5.Font=font_p;
            label6.Font=font_p;
            label7.Font=font_p;
            label8.Font=font_p;

            groupBox1.Font=font_p_gp;
            groupBox2.Font=font_p_gp;

            radioButton1.Font=font_p;
            radioButton2.Font=font_p;
            radioButton3.Font=font_p;
            radioButton4.Font=font_p;

```

```
 57                checkBox1.Font=font_p;
 58
 59                numericUpDown1.Font=font_p;
 60                numericUpDown2.Font=font_p;
 61                numericUpDown3.Font=font_p;
 62                numericUpDown4.Font=font_p;
 63
 64                // Цвет текста
 65
 66                button1.ForeColor=btnc;
 67                button2.ForeColor=btnc;
 68                button3.ForeColor=btnc;
 69
 70                groupBox1.ForeColor=text;
 71                groupBox2.ForeColor=text;
 72
 73                label1.ForeColor=text;
 74                label2.ForeColor=text;
 75                label3.ForeColor=text;
 76                label4.ForeColor=text;
 77                label5.ForeColor=text;
 78                label6.ForeColor=text;
 79                label7.ForeColor=text;
 80                label8.ForeColor=text;
 81                label9.ForeColor=header;
 82                label10.ForeColor=text;
 83                label11.ForeColor=text;
 84                label12.ForeColor=text;
 85                label13.ForeColor=text;
 86                label14.ForeColor=text;
 87                label15.ForeColor=text;
 88
 89                // Цвет фона
 90
 91                textBox1.BackColor=color;
 92                textBox2.BackColor=color;
 93                textBox3.BackColor=color;
 94                textBox4.BackColor=color;
 95                textBox7.BackColor=color;
 96                textBox8.BackColor=color;
 97                textBox9.BackColor=color;
 98
 99                numericUpDown1.BackColor=color;
100                numericUpDown2.BackColor=color;
101                numericUpDown3.BackColor=color;
102                numericUpDown4.BackColor=color;
103
104                button1.BackColor=color;
105                button2.BackColor=color;
106                button3.BackColor=color;
107            }
108
109        private string result = ""; // Текст для печати
110
111        private double premia = 0; // Премия
112        private double res = 0; // Зарплата на руки
```

```csharp
113            private double pay = 0; // Зарплата полная
114            private double deduc = 0; // Вычеты
115            private double ndfl = 0; // НДФЛ
116
117            // Полная зарплата
118            private double DefaultPay()
119            {
120                pay=Convert.ToDouble(textBox2.Text);
121                premia=Convert.ToDouble(textBox3.Text);
122
123                return res=pay+premia;
124            }
125
126            // Вычеты
127            private double Deductions()
128            {
129                int childs = 0, invChilds = 0;
130
131                if (radioButton1.Checked==true)
132                {
133                    childs=Convert.ToInt32(numericUpDown1.Value);
134                    if (checkBox1.Checked==true)
135                    {
136                        invChilds=Convert.ToInt32(numericUpDown2.Value);
137                        childs-=invChilds;
138                        invChilds*=3000;
139                        deduc+=invChilds;
140                    }
141                    if (childs>=3) {
142                        deduc+=1400*2;
143                        childs-=2;
144                        childs*=3000;
145                        deduc+=childs;
146                    } else
147                    {
148                        childs*=1400;
149                        deduc+=childs;
150                    }
151                }
152
153                return deduc;
154            }
155
156            // Надбавки
157            private double Bonuses()
158            {
159                if (radioButton3.Checked==true)
160                {
161                    double res = Snd()+Rko();
162                    return Snd()+Rko();
163                }
164
165                return 0;
166            }
167
168            private double Snd()
```

```csharp
169             {
170                 double res = 0;
171                 double snd=Convert.ToDouble(numericUpDown3.Value);
172                 double payB = Convert.ToDouble(textBox2.Text);
173                 if (snd!=0)
174                 {
175                     res=payB*snd;
176                     return res-payB;
177                 }
178
179                 return 0;
180             }
181
182         private double Rko()
183         {
184             double res = 0;
185             double rko=Convert.ToDouble(numericUpDown4.Value);
186             double payB = Convert.ToDouble(textBox2.Text);
187             double premiaB = Convert.ToDouble(textBox3.Text);
188
189             if (rko!=0)
190             {
191                 return res=(payB+premiaB)*(rko/100);
192             }
193
194             return 0;
195         }
196
197         // НДФЛ 13%
198         private double NDFL_Res()
199         {
200             ndfl = (DefaultPay()-Deductions()+Bonuses())*0.13;
201             if (ndfl<=0)
202                 ndfl=0;
203
204             return ndfl;
205         }
206
207         // Зарплата на руки
208         private double Result()
209         {
210             return DefaultPay()+Bonuses()-ndfl;
211         }
212
213         private void Form1_Load(object sender, EventArgs e)
214         {
215             label12.Visible=false;
216             label13.Visible=false;
217             label14.Visible=false;
218             checkBox1.Visible=false;
219             numericUpDown1.Visible=false;
220             numericUpDown2.Visible=false;
221             groupBox1.Height=50;
222
223             label5.Visible=false;
224             label3.Visible=false;
```

```csharp
225                numericUpDown3.Visible=false;
226                numericUpDown4.Visible=false;
227                groupBox2.Height=50;
228            }
229
230        private void radioButton3_CheckedChanged(object sender, EventArgs e)
231        {
232            if (radioButton3.Checked==true)
233            {
234                groupBox2.Height=170;
235                numericUpDown3.Visible=true;
236                numericUpDown4.Visible=true;
237                label5.Visible=true;
238                label3.Visible=true;
239            } else
240            {
241                groupBox2.Height=50;
242                numericUpDown3.Visible=false;
243                numericUpDown4.Visible=false;
244                label5.Visible=false;
245                label3.Visible=false;
246            }
247        }
248
249        private void radioButton1_CheckedChanged(object sender, EventArgs e)
250        {
251            if (radioButton1.Checked==true)
252            {
253                groupBox1.Height=170;
254                label12.Visible=true;
255                label13.Visible=true;
256                checkBox1.Visible=true;
257                numericUpDown1.Visible=true;
258            } else
259            {
260                groupBox1.Height=50;
261                label12.Visible=false;
262                label13.Visible=false;
263                checkBox1.Visible=false;
264                numericUpDown1.Visible=false;
265            }
266        }
267
268        private void button2_Click(object sender, EventArgs e)
269        {
270            textBox1.Clear();
271            textBox2.Clear();
272            textBox3.Clear();
273            textBox4.Clear();
274            textBox7.Clear();
275            textBox8.Clear();
276            textBox9.Clear();
277        }
278
279        private void textBox3_TextChanged(object sender, EventArgs e)
280        {
```

```
281
282            }
283
284            private void checkBox1_CheckedChanged(object sender, EventArgs e)
285            {
286                if (checkBox1.Checked==true)
287                {
288                    label14.Visible=true;
289                    numericUpDown2.Visible=true;
290                } else
291                {
292                    label14.Visible=false;
293                    numericUpDown2.Visible=false;
294                }
295            }
296
297            // Рассчет
298            private void button1_Click(object sender, EventArgs e)
299            {
300                try
301                {
302                    double dp = DefaultPay();
303                    double bonus = Bonuses();
304                    textBox7.Text=dp.ToString("N2");
305
306                    textBox8.Text=NDFL_Res().ToString("N2");
307                    textBox4.Text=bonus.ToString("N2");
308
309                    textBox9.Text=Result().ToString("N2");
310                } catch(Exception ex)
311                {
312                    MessageBox.Show(ex.Message);
313                }
314                premia=0; res=0; deduc=0; pay=0; ndfl=0;
315            }
316
317            private void textBox2_MouseUp(object sender, MouseEventArgs e)
318            {
319
320            }
321
322            private void textBox3_MouseUp(object sender, MouseEventArgs e)
323            {
324
325            }
326
327            void PrintPageHandler(object sender, PrintPageEventArgs e)
328            {
329                e.Graphics.DrawString(result, new Font("Arial", 14),            ⏎
                    Brushes.Black, 0, 0);
330            }
331
332            // печать
333            private void button3_Click(object sender, EventArgs e)
334            {
335                result=label10.Text + " " + textBox1.Text+"\n"+ label1.Text + " "  ⏎
```

```
                      + textBox2.Text+"\n"+ label2.Text + " " +
336                     textBox3.Text+"\n"+label6.Text+" "+textBox7.Text
                        +"\n"+label7.Text+" "+textBox8.Text+"\n"+label8.Text+"
                        "+textBox9.Text;
337
338             PrintDocument pD = new PrintDocument();
339             pD.PrintPage+=PrintPageHandler;
340
341             PrintDialog pDg = new PrintDialog();
342             pDg.Document=pD;
343
344             if (pDg.ShowDialog()==DialogResult.OK)
345                 pDg.Document.Print();
346         }
347
348         private void textBox2_MouseDown(object sender, MouseEventArgs e)
349         {
350             textBox2.Text="";
351         }
352
353         private void textBox3_MouseDown(object sender, MouseEventArgs e)
354         {
355             textBox3.Text="";
356         }
357     }
358 }
359
```