//Gabriel Pereira Alves - 1°DSN  
  
**using** System;  
**using** System.Collections.Generic;  
**using** System.Drawing;  
**using** System.Windows.Forms;  
  
**namespace** ListagemFuncionarios  
{  
    **public** partial class MainForm : Form  
    {  
        **public** **MainForm**()  
        {  
            **InitializeComponent**();  
        }  
          
        void **Button1Click**(object sender, EventArgs e)  
        {  
            richTextBox1.**LoadFile**("listaFuncionarios.txt", RichTextBoxStreamType.PlainText);  
            button2.Enabled = **true**;  
        }  
          
        void **Button2Click**(object sender, EventArgs e)  
        {  
            listBox1.Items.**Clear**();  
            string dept = "";  
            dept = textBox1.Text;  
            **if**(textBox1.Text == "")  
            {  
                **int** total = 0;  
                string depart = "";  
                **for**(**int** i = 0; i < 19; i++)  
                {  
                    string linha = richTextBox1.Lines[i];  
                    string[] dados = linha.**Split**(',');  
                    total = total + **int**.**Parse**(dados[2]);  
                    **switch**(dados[1])  
                    {  
                        **case** "1":  
                            depart = "Gerênca";  
                            break;  
                        **case** "2":  
                            depart = "Vendas";  
                            break;  
                        **case** "3":  
                            depart = "RH";  
                            break;  
                        **case** "4":  
                            depart = "Estoque";  
                            break;  
                        **case** "5":  
                            depart = "Contabil";  
                            break;  
                    }  
                    listBox1.Items.**Add**(dados[0] + " \t " + depart + " \t Salario: R$" + dados[2]);  
                    **if**(i == 18)  
                    {  
                        listBox1.Items.**Add**("Salario total: R$" + total);  
                    }  
                }  
            }  
            **else**  
            {  
                **int** salario = 0;  
                **switch**(dept)  
                {  
                    **case** "1":  
                        **for**(**int** i = 0; i < 19; i++)  
                        {  
                            string linha = richTextBox1.Lines[i];  
                            string[] dados = linha.**Split**(',');  
                            **if**(dados[1] == "1")  
                            {  
                                salario = salario + **int**.**Parse**(dados[2]);  
                                listBox1.Items.**Add**(dados[0] + "\tGerência\tR$" + dados[2]);  
                            }  
                            **if**(i == 18)  
                            {  
                                listBox1.Items.**Add**("Salario total: R$" + salario);  
                            }  
                        }  
                        break;  
                    **case** "2":  
                        **for**(**int** i = 0; i < 19; i++)  
                        {  
                            string linha = richTextBox1.Lines[i];  
                            string[] dados = linha.**Split**(',');  
                            **if**(dados[1] == "2")  
                            {  
                                salario = salario + **int**.**Parse**(dados[2]);  
                                listBox1.Items.**Add**(dados[0] + "\tVendas\tR$" + dados[2]);  
                            }  
                            **if**(i == 18)  
                            {  
                                listBox1.Items.**Add**("Salario total: R$" + salario);  
                            }  
                        }  
                        break;  
                    **case** "3":  
                        **for**(**int** i = 0; i < 19; i++)  
                        {  
                            string linha = richTextBox1.Lines[i];  
                            string[] dados = linha.**Split**(',');  
                            **if**(dados[1] == "3")  
                            {  
                                salario = salario + **int**.**Parse**(dados[2]);  
                                listBox1.Items.**Add**(dados[0] + "\tRecursos Humanos\tR$" + dados[2]);  
                            }  
                            **if**(i == 18)  
                            {  
                                listBox1.Items.**Add**("Salario total: R$" + salario);  
                            }  
                        }  
                        break;  
                    **case** "4":  
                        **for**(**int** i = 0; i < 19; i++)  
                        {  
                            string linha = richTextBox1.Lines[i];  
                            string[] dados = linha.**Split**(',');  
                            **if**(dados[1] == "4")  
                            {  
                                salario = salario + **int**.**Parse**(dados[2]);  
                                listBox1.Items.**Add**(dados[0] + "\tEstoque\tR$" + dados[2]);  
                            }  
                            **if**(i == 18)  
                            {  
                                listBox1.Items.**Add**("Salario total: R$" + salario);  
                            }  
                        }  
                        break;  
                    **case** "5":  
                        **for**(**int** i = 0; i < 19; i++)  
                        {  
                            string linha = richTextBox1.Lines[i];  
                            string[] dados = linha.**Split**(',');  
                            **if**(dados[1] == "5")  
                            {  
                                salario = salario + **int**.**Parse**(dados[2]);  
                                listBox1.Items.**Add**(dados[0] + "\tContabilidade\tR$" + dados[2]);  
                            }  
                            **if**(i == 18)  
                            {  
                                listBox1.Items.**Add**("Salario total: R$" + salario);  
                            }  
                        }  
                        break;  
                }  
            }  
        }  
    }  
}