```
Program 13- Program to create and display data table.
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Ling;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
namespace CreateNDisplay_DT
    public partial class Form1 : Form
        public Form1()
            InitializeComponent();
        DataTable dt = new DataTable("Product");
        private void button1_Click(object sender, EventArgs e)
            DataColumn col1 = new DataColumn("prodid");
            col1.DataType = typeof(int);
            col1.Unique = true;
            col1.AllowDBNull = false;
            col1.Caption = "product id";
            dt.Columns.Add(col1);
            DataColumn col2 = new DataColumn("prodname");
            col2.DataType = typeof(string);
            col2.Caption = "product name";
            dt.Columns.Add(col2);
            DataColumn col3 = new DataColumn("price");
            col3.DataType = typeof(decimal);
            col3.Caption = "product price";
            dt.Columns.Add(col3);
            DataRow row1 = dt.NewRow();
            row1["prodid"] = 123;
            row1["prodname"] = "mouse";
            row1["price"] = 200;
            dt.Rows.Add(row1);
            DataRow row2 = dt.NewRow();
            row2["prodid"] = 124;
            row2["prodname"] = "keyboard";
            row2["price"] = 500;
            dt.Rows.Add(row2);
            MessageBox.Show("Data table created successfully");
        }
        private void button2_Click(object sender, EventArgs e)
```

```
StringBuilder sb = new StringBuilder();
                                                         foreach (DataRow dr in dt.Rows)
                                                                             sb.Append("\n" + "Prodict id : " + dr["prodid"] + "\n" + "Product
name : " + dr["prodname"] + "\n" + "Price : " + dr["price"] + "\n");
                                                         label1.Text = sb.ToString();
                                      }
                                      private void Form1_Load(object sender, EventArgs e)
                                      }
                   }
}
Output-
  File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q)
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   Form1.cs +
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                                               Product id
                 13
14
                                               Product name

■ Events

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                                               Price

■ Process Memory (MB) 
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                                               Add rows Display data
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27
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                                               Prodict id : 1
Product name : Mouse
Price : 200

■ CPU (% of all processors)

                                                Product id : 2
Product name : Keyboard
Price : 300
                                                                                                                                                                                                                                                                                                                Summary Events Memory Usage CPU Usage
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                                                Prodict id : 3
Product name : Mic
Price : 100
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