

Program 12-Program of product details.

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Data;

namespace Ado_ProductDetails_DT
{
    internal class Program
    {
        static void Main(string[] args)
        {
            DataTable dt = new DataTable("Product");
            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);
            foreach (DataRow dr in dt.Rows)
            {
                Console.WriteLine("Product id " + dr["prodid"] + "\n" + "Product
name " + dr["prodname"] + "\n" + "Price " + dr["price"]);
                Console.ReadLine();
            }
        }
    }
}
```

Output-

The screenshot displays the Visual Studio IDE with the following components:

- Output Window:** Shows the program's output with the following text:

```
Product id 123
Product name mouse
Price 200
```
- Diagnostic Tools:** A panel on the right showing performance metrics for a 7-second session:
 - Events:** A timeline view.
 - Process Memory (MB):** A graph showing memory usage over time, with a peak of 13 MB.
 - CPU (% of all processors):** A graph showing CPU usage over time, with a peak of 100%.
- Breakpoints:** A table at the bottom showing breakpoints with columns for Name, Labels, Condition, and Hit Count.

The Windows taskbar at the bottom shows the system clock as 16:38 on 26-09-2022, with a weather forecast of 24°C Rain.