```
C:\windows\system32\cmd.exe
id = 11
sname = Amar
id = 12
sname = rajan
Press any key to continue . . .
```

```csharp
using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Data;


namespace DataTable_DataColumn_DataRow
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //create a DataTable
            DataTable dt = new DataTable("student");
```

```csharp
//create a Column
DataColumn col1=new DataColumn("ID");
col1.DataType = typeof(int);
col1.Unique = true;
col1.AllowDBNull = false;
col1.Caption = "Student Id";
//add the column to datatable
dt.Columns.Add(col1);


DataColumn col2 = new DataColumn("sname");
col2.DataType = typeof(string);
col2.Caption = "student name";
//add the column to datatable
dt.Columns.Add(col2);


//creating a new row
DataRow dr = dt.NewRow();
dr["ID"] = 11;
dr["sname"] = "Amar";
//adding row to datatable
dt.Rows.Add(dr);
dt.Rows.Add(12,"rajan");


//iterating the datatable rows
foreach (DataRow dr1 in dt.Rows)
{
    Console.WriteLine("id = " + dr1["ID"]);
    Console.WriteLine("sname = " + dr1["sname"]);
}
```

```
        }
    }
}
```