



```
m_ C:\windows\system32\cmd.exe
101 ramesh ramesh@gmail.com
102 rahul rahul@gmail.com
Press any key to continue . . .
```

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

namespace Accepting_value_from_user_using_primary_key
{
    internal class Program
    {
        static void Main(string[] args)
        {
            try
            {
                DataTable dt = new DataTable("student");
                DataColumn col1 = new DataColumn("sid");
                col1.DataType = typeof(int);
                col1.Unique = true;
                col1.AllowDBNull = false;
                col1.Caption = "student id";
                dt.Columns.Add(col1);
            }
        }
    }
}
```

```

//Add the DataColumn few properties
DataColumn col2 = new DataColumn("sname");
col2.MaxLength = 50;
col2.AllowDBNull = false;
col2.Caption = "student name";
dt.Columns.Add(col2);

DataColumn col3 = new DataColumn("semailid");
col3.Caption = "student id";
dt.Columns.Add(col3);

//setting the primary key
dt.PrimaryKey = new DataColumn[] { col1 };

//Add New DataRow by creating the DataRow object
DataRow row1 = dt.NewRow();
row1["sid"] = 101;
row1["sname"] = "ramesh";
row1["semailid"] = "ramesh@gmail.com";
dt.Rows.Add(row1);
dt.Rows.Add(102, "rahul", "rahul@gmail.com");
foreach (DataRow dr in dt.Rows)
{
    Console.WriteLine(dr["sid"] + " " + dr["sname"] + " " +
        dr["semailid"] + "\n");
}
}
catch (Exception ee)
{
    Console.WriteLine("Oops, Something went wrong\n" + ee);
}

```

```
        Console.ReadKey();
    }
}
}
```