

A screenshot of a Windows Command Prompt window. The title bar shows the path 'C:\windows\system32\cmd.exe'. The command prompt displays five lines of text, each representing a customer record: 'customer id 111 ,customer name hiten ,cust address nagpur ,mobile no123698547', 'customer id 112 ,customer name hina ,cust address nagpur ,mobile no13698547', 'customer id 113 ,customer name haya ,cust address nagpur ,mobile no1398547', 'customer id 114 ,customer name hena ,cust address nagpur ,mobile no13698547', and 'customer id 115 ,customer name hiba ,cust address nagpur ,mobile no3698547'. Below these records, it says 'Press any key to continue . . .'.

```
C:\windows\system32\cmd.exe
customer id 111 ,customer name hiten ,cust address nagpur ,mobile no123698547
customer id 112 ,customer name hina ,cust address nagpur ,mobile no13698547
customer id 113 ,customer name haya ,cust address nagpur ,mobile no1398547
customer id 114 ,customer name hena ,cust address nagpur ,mobile no13698547
customer id 115 ,customer name hiba ,cust address nagpur ,mobile no3698547
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 Assignment_Customer_DataTable_DataColumn_DataRow
{
    internal class Program
    {
        static void Main(string[] args)
        {
            DataTable dt = new DataTable("customers");
            DataColumn col1=new DataColumn("custid");
            col1.DataType = typeof(int);
            col1.Unique = true;
            col1.AllowDBNull =false;
```

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col1.Caption = "customers custid";
dt.Columns.Add(col1);

DataColumn col2 = new DataColumn("custname");
col2.DataType = typeof(string);
col2.Caption = "customers name";
dt.Columns.Add (col2);

DataColumn col3 = new DataColumn("custaddr");
col3.DataType = typeof(string);
col3.Caption = "customers address";
dt.Columns.Add(col3);

DataColumn col4 = new DataColumn("mobilenno");
col4.DataType = typeof(long);
col4.Caption = "mobile no";
dt.Columns.Add(col4);

//create a new row
DataRow row1 = dt.NewRow();
row1["custid"] = 111;
row1["custname"] = "hiten";
row1["custaddr"] = "nagpur";
row1["mobilenno"] = 123698547;
dt.Rows.Add(row1);

DataRow row2 = dt.NewRow();
row2["custid"] = 112;
row2["custname"] = "hina";
row2["custaddr"] = "nagpur";
row2["mobilenno"] = 13698547;
dt.Rows.Add(row2);

```

```

DataRow row3 = dt.NewRow();
row3["custid"] = 113;
row3["custname"] = "haya";
row3["custaddr"] = "nagpur";
row3["mobilenno"] = 1398547;
dt.Rows.Add(row3);

DataRow row4 = dt.NewRow();
row4["custid"] = 114;
row4["custname"] = "hena";
row4["custaddr"] = "nagpur";
row4["mobilenno"] = 13698547;
dt.Rows.Add(row4);

DataRow row5 = dt.NewRow();
row5["custid"] = 115;
row5["custname"] = "hiba";
row5["custaddr"] = "nagpur";
row5["mobilenno"] = 3698547;
dt.Rows.Add(row5);

foreach(DataRow dr in dt.Rows)
{
    Console.WriteLine("customer id " + dr["custid"] + " , "
        + "customer name " + dr["custname"] + " , "
        + "cust address " + dr["custaddr"] + " , "+ "mobile no"
        + dr["mobilenno"] + "\n");
}

}
}

```

}