

ADO.NET of console application

Code:-

```
using System.Data.SqlClient;
```

```
internal class Program
```

```
{
```

```
    private static void Main(string[] args)
```

```
    {
```

```
        {
```

```
            Create();
```

```
            Insert();
```

```
            Update();
```

```
            Delete();
```

```
        static void Create()
```

```
        {
```

```

        //Establish a connection

        SqlConnection conn = new
System.Data.SqlClient.SqlConnection("data source
=PTSQLTESTDB01;database=Senthilkumar;integrated
security=true");

        conn.Open();

        SqlCommand cmd = new SqlCommand("create table
book(bookid int,bookname varchar(255),authorname
varchar(255),ISBN string", conn);

        conn.Close();

        Console.WriteLine("Table Created Successfully");
    }
}
static void Insert()
{
    //Establish a connection

    SqlConnection conn = new SqlConnection("data source
=PTSQLTESTDB01;database=Senthilkumar;integrated
security=true");

    conn.Open();

```

```
        SqlCommand cmd = new SqlCommand("insert into  
book (bookid,bookname,authorname,ISBN)  
values(102,'kandhan','senthilkunar'2006", conn);
```

```
        conn.Close();
```

```
        Console.WriteLine("Record inserted Sucessfully");
```

```
    }
```

```
}
```

```
static void Update()
```

```
{
```

```
    //Establish a connection
```

```
    SqlConnection conn = new SqlConnection("data source  
=PTSQLTESTDB01;database=Senthilkumar;integrated  
security=true");
```

```
    conn.Open();
```

```
    SqlCommand cmd = new SqlCommand("Update book  
set(bookid=105,bookname='gandhi',authorname='senthil',ISB  
N=20009 where bookid=105 ", conn);
```

```
    conn.Close();
```

```
    Console.WriteLine("Record updated Sucessfully");
```

```
}
```

```
static void Delete()
```

```

{
    //Establish a connection

    SqlConnection conn = new SqlConnection("data source
=PTSQLTESTDB01;database=Senthilkumar;integrated
security=true");

    conn.Open();

    SqlCommand cmd = new SqlCommand("Delete from
book where bookname='ganthi'", conn);

    Console.WriteLine("Record deleted Sucessfully");
}

static void fetch()
{
    //Establish a connection

    SqlConnection conn = new SqlConnection("data source
=PTSQLTESTDB01;database=Senthilkumar;integrated
security=true");

    conn.Open();

    SqlCommand cmd = new SqlCommand("select * from
books", conn);

    SqlDataReader reader = cmd.ExecuteReader();

    while (reader.Read())
    {

        Console.WriteLine(reader[0].ToString()+ "" +
reader[1].ToString() + "" + reader[2].ToString());
    }
}

```

```

    }

    conn.Close();

    Console.WriteLine("Record fetched Sucessfully");

}

```

Code output:-

