

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();
```

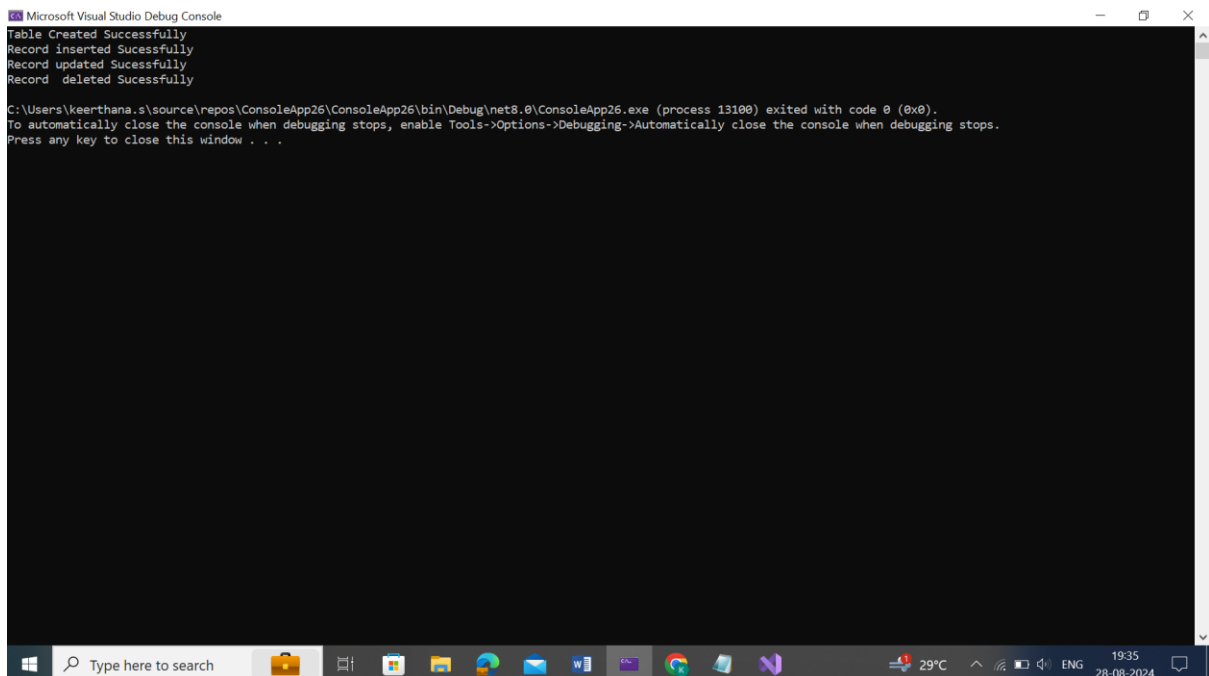
```
    Console.WriteLine("Record updated Sucessfully");
```

```
}
```

```
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");  
}
```

Code output



The screenshot shows the Microsoft Visual Studio Debug Console window. The title bar reads "Microsoft Visual Studio Debug Console". The console output is as follows:

```
Table Created Successfully  
Record inserted Successfully  
Record updated Successfully  
Record deleted Successfully  
  
C:\Users\keerthana.s\source\repos\ConsoleApp26\ConsoleApp26\bin\Debug\net8.0\ConsoleApp26.exe (process 13100) exited with code 0 (0x0).  
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.  
Press any key to close this window . . .
```

The console window is currently closed, and the Windows taskbar is visible at the bottom. The taskbar includes the Start button, a search bar with the text "Type here to search", and several application icons. The system tray on the right shows the temperature as 29°C, the time as 19:35, and the date as 28-08-2024.