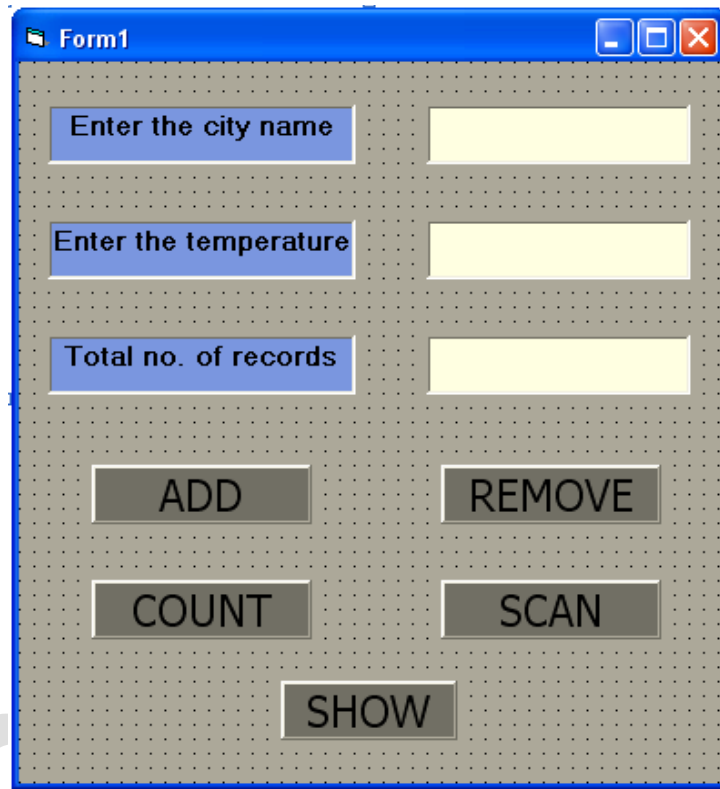


Program to create a city catalog. Implement a collection for storing the city names and temperatures.

FORM



The screenshot shows a Windows form titled "Form1" with a blue title bar and standard window controls. The form has a dotted grid background. It contains three input fields with labels: "Enter the city name", "Enter the temperature", and "Total no. of records". Below these are five buttons: "ADD", "REMOVE", "COUNT", "SCAN", and "SHOW".

CODING

```
Dim City_temp As New Collection
```

```
Private Sub Command1_Click()
```

```
On Error GoTo noItem
```

```
City = InputBox("What city?")
```

```
temp = City_temp.Item(City)
```

```
MsgBox temp
```

```
Exit Sub
```

```
noItem:
```

```
MsgBox "This city was not found in our catalogue"
```

```
End Sub
```

```
Private Sub Command2_Click()
```

```
City = Text1.Text
temp = Text2.Text
City_temp.Add temp, City
End Sub
```

```
Private Sub Command3_Click()
City = Text1.Text
City_temp.Remove City
End Sub
```

```
Private Sub Command4_Click()
Text3.Text = City_temp.Count
End Sub
```

```
Private Sub Command5_Click()
For Each i In City_temp
MsgBox (i)
Next
End Sub
```

```
Private Sub Form_Load()
City_temp.Add 32, "Lucknow"
City_temp.Add 34, "Mathura"
City_temp.Add 35, "Varanasi"
City_temp.Add 24, "Mumbai"
City_temp.Add 40, "Jaipur"
City_temp.Add 42, "Jabalpur"
End Sub
```

AFTER EXECUTION

The screenshot shows a Windows application window titled "Form1". It contains three input fields with labels: "Enter the city name", "Enter the temperature", and "Total no. of records". Below these fields are five buttons: "ADD", "REMOVE", "COUNT", "SCAN", and "SHOW".

The screenshot shows a dialog box titled "city". It contains a text input field with the text "Lucknow". There are two buttons: "OK" and "Cancel".

The screenshot shows a dialog box titled "city". It displays the number "32". There is one button: "OK".

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