Objective – Write a program that will print the sum of each column of a matrix. The user will be take input from Inputbox and print inputted matrix and sum of each column matrix on a form when user click on "Sum of column elements" button.

Tools:Vb 6.0

Code-

```
Private Sub Command1_Click()

Dim arr(2, 2) As Integer

Dim sum, sum2 As Integer

sum = 0

sum2 = 0

For i = 0 To 2

For j = o To 2

arr(i, j) = InputBox("Enter the elements for array")

Next

Next

Print "Display matrix"

For i = 0 To 2

For j = 0 To 2

Print arr(i, j),

Next

Print

Next
```

Print "sum of diagonal matrix"

For i = 0 To 2

For j = o To 2

If i = j Then

sum = sum + arr(i, j)

End If

Next

Next

Print sum

Print "sum of diagonal matrix"

For i = 0 To 2

For j = o To 2

If i + j = 2 Then

sum2 = sum2 + arr(i, j)

End If

Next

Next

Print sum2

End Sub

Output:

Form26

Display matrix
1	2	3
4	5	6
7	8	9

sum of diagonal matrix
15
sum of diagonal matrix
15

Matrix