

Trace the following program keeping track of the values stored in all variables including the arrays. Assume that the user first clicks the cmdInflation command button and then the user clicks the cmdBuyOneOfEach command button. Also, in a paragraph, explain what the program does and displays as output. Draw rectangular grids to accurately depict the arrays.

```
Option Explicit
```

```
Dim mstrItem(3) As String  
Dim msngPrice(3) As Single
```

```
Private Sub Form_Load()  
    mstrItem(0) = "apple"  
    mstrItem(1) = "banana"  
    mstrItem(2) = "candy bar"  
    mstrItem(3) = "soda"  
    msngPrice(0) = 0.5  
    msngPrice(1) = 0.8  
    msngPrice(2) = 0.85  
    msngPrice(3) = 0.6  
End Sub
```

```
Private Sub cmdInflation_Click() J  
    Dim J As Integer  
  
    For J = 0 To 3  
        msngPrice(J) = msngPrice(J) + 0.25  
    Next J  
End Sub
```

```
Private Sub cmdBuyOneOfEach_Click() K sngTotal  
    Dim K As Integer  
    Dim sngTotal As Single  
  
    For K = 0 To 3  
        sngTotal = sngTotal + msngPrice(K)  
  
        If (K = 2 Or K = 3) Then  
            sngTotal = sngTotal + msngPrice(K) * 0.06  
        End If  
  
    Next K  
  
    MsgBox sngTotal  
End Sub
```