

C:\MyProjects\rtr05-213\03\_Assignments\upload10 part01\12-StructsAndUnions\04-StructContainingArrays>StructContainingArrays.exe

Enter 10 Integers :

10  
9  
8  
7  
6  
5  
4  
3  
2  
1

Members of 'struct SUM\_Data\_1' along with their assigned values are :

Integer Array (SUM\_Data\_1.S\_iArray[]) :

SUM\_Data\_1.S\_iArray[0] = 10  
SUM\_Data\_1.S\_iArray[1] = 9  
SUM\_Data\_1.S\_iArray[2] = 8  
SUM\_Data\_1.S\_iArray[3] = 7  
SUM\_Data\_1.S\_iArray[4] = 6  
SUM\_Data\_1.S\_iArray[5] = 5  
SUM\_Data\_1.S\_iArray[6] = 4  
SUM\_Data\_1.S\_iArray[7] = 3  
SUM\_Data\_1.S\_iArray[8] = 2  
SUM\_Data\_1.S\_iArray[9] = 1

Floating-Point Array (SUM\_Data\_1.S\_fArray[]) :

SUM\_Data\_1.S\_fArray[0] = 0.100000  
SUM\_Data\_1.S\_fArray[1] = 1.200000  
SUM\_Data\_1.S\_fArray[2] = 2.300000  
SUM\_Data\_1.S\_fArray[3] = 3.400000  
SUM\_Data\_1.S\_fArray[4] = 4.500000

Members of 'struct SUM\_Data\_2' along with their assigned values are :

Character Array (SUM\_Data\_2.S\_cArray[]) :

```
SUM_Data_2.S_cArray[0] = A
SUM_Data_2.S_cArray[1] = B
SUM_Data_2.S_cArray[2] = C
SUM_Data_2.S_cArray[3] = D
SUM_Data_2.S_cArray[4] = E
SUM_Data_2.S_cArray[5] = F
SUM_Data_2.S_cArray[6] = G
SUM_Data_2.S_cArray[7] = H
SUM_Data_2.S_cArray[8] = I
SUM_Data_2.S_cArray[9] = J
SUM_Data_2.S_cArray[10] = K
SUM_Data_2.S_cArray[11] = L
SUM_Data_2.S_cArray[12] = M
SUM_Data_2.S_cArray[13] = N
SUM_Data_2.S_cArray[14] = O
SUM_Data_2.S_cArray[15] = P
SUM_Data_2.S_cArray[16] = Q
SUM_Data_2.S_cArray[17] = R
SUM_Data_2.S_cArray[18] = S
SUM_Data_2.S_cArray[19] = T
SUM_Data_2.S_cArray[20] = U
SUM_Data_2.S_cArray[21] = V
SUM_Data_2.S_cArray[22] = W
SUM_Data_2.S_cArray[23] = X
SUM_Data_2.S_cArray[24] = Y
SUM_Data_2.S_cArray[25] = Z
```

String Array (SUM\_Data\_2.S\_strArray[]) :

```
SUM_Data_2.S_cArray = Welcome !!This
SUM_Data_2.S_cArray = This
SUM_Data_2.S_cArray = Is
SUM_Data_2.S_cArray = AstromedicReal
SUM_Data_2.S_cArray = Real
SUM_Data_2.S_cArray = Time
```

```
SUM_Data_2.S_cArray[1] = B
SUM_Data_2.S_cArray[2] = C
SUM_Data_2.S_cArray[3] = D
SUM_Data_2.S_cArray[4] = E
SUM_Data_2.S_cArray[5] = F
SUM_Data_2.S_cArray[6] = G
SUM_Data_2.S_cArray[7] = H
SUM_Data_2.S_cArray[8] = I
SUM_Data_2.S_cArray[9] = J
SUM_Data_2.S_cArray[10] = K
SUM_Data_2.S_cArray[11] = L
SUM_Data_2.S_cArray[12] = M
SUM_Data_2.S_cArray[13] = N
SUM_Data_2.S_cArray[14] = O
SUM_Data_2.S_cArray[15] = P
SUM_Data_2.S_cArray[16] = Q
SUM_Data_2.S_cArray[17] = R
SUM_Data_2.S_cArray[18] = S
SUM_Data_2.S_cArray[19] = T
SUM_Data_2.S_cArray[20] = U
SUM_Data_2.S_cArray[21] = V
SUM_Data_2.S_cArray[22] = W
SUM_Data_2.S_cArray[23] = X
SUM_Data_2.S_cArray[24] = Y
SUM_Data_2.S_cArray[25] = Z
```

String Array (SUM\_Data\_2.S\_strArray[]) :

```
SUM_Data_2.S_cArray = Welcome !!This
SUM_Data_2.S_cArray = This
SUM_Data_2.S_cArray = Is
SUM_Data_2.S_cArray = AstromedicReal
SUM_Data_2.S_cArray = Real
SUM_Data_2.S_cArray = Time
SUM_Data_2.S_cArray = Rendering
SUM_Data_2.S_cArray = Batch
SUM_Data_2.S_cArray = Of
SUM_Data_2.S_cArray = 2023-2024
```