```
C:\MyProjects\rtr05-213\03_CAssignments\upload12\14-Pointers\03-Arrays\06-UserDefinedArrays>cl.exe /c /EHsc /I \include UserDefinedArrays.cpp
Microsoft (R) C/C++ Optimizing Compiler Version 19.36.32535 for x64
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UserDefinedArrays.cpp

C:\MyProjects\rtr05-213\03_CAssignments\upload12\14-Pointers\03-Arrays\06-UserDefinedArrays>link.exe UserDefinedArrays.obj
Microsoft (R) Incremental Linker Version 14.36.32535.0
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C:\MyProjects\rtr05-213\03_CAssignments\upload12\14-Pointers\03-Arrays\06-UserDefinedArrays>UserDefinedArrays.exe


Enter the number of elements you want in the Integer Array : 4


Memory Allocation for the Integer Array Succeeded !!!

Enter the 4 Integer elements to fill up the Integer Array :

20
40
60
80


Enter the number of elements you want in the Floating-Point Array : 3


Memory Allocation for the Floating-point Array Succeeded !!!

Enter the 3 Float elements to fill up the Floating-point Array :

1.234
5.678
9.012


Enter the number of elements you want in the Double Array : 2
```

Enter the number of elements you want in the Double Array : 2

Memory Allocation for the Double Array Succeeded !!!

Enter the 2 Double elements to fill up the Double Array :

45.67676767676767676
99.12121212121221212

Enter the number of elements you want in the Character Array : 5

Memory Allocation for the Character Array Succeeded !!!

Enter the 5 Char elements to fill up the Character Array :

q
w
e
r
t

The Integer Array entered by you and consisting of 4 elements is as follows :

20   at address : 000001EA4C1E02E0
40   at address : 000001EA4C1E02E4
60   at address : 000001EA4C1E02E8
80   at address : 000001EA4C1E02EC

The Floating-point Array entered by you and consisting of 3 elements is as follows :

1.234000   at address : 000001EA4C1E0340
5.678000   at address : 000001EA4C1E0344
9.012000   at address : 000001EA4C1E0348

The Double Array entered by you and consisting of 2 elements is as follows :

```
40                    at address : 000001EA4C1E02E4
60                    at address : 000001EA4C1E02E8
80                    at address : 000001EA4C1E02EC


The Floating-point Array entered by you and consisting of 3 elements is as follows :

1.234000              at address : 000001EA4C1E0340
5.678000              at address : 000001EA4C1E0344
9.012000              at address : 000001EA4C1E0348


The Double Array entered by you and consisting of 2 elements is as follows :

45.676768             at address : 000001EA4C1E01A0
99.121212             at address : 000001EA4C1E01A8


The Character Array entered by you and consisting of 5 elements is as follows :

q                     at address : 000001EA4C1E2B90
w                     at address : 000001EA4C1E2B91
e                     at address : 000001EA4C1E2B92
r                     at address : 000001EA4C1E2B93
t                     at address : 000001EA4C1E2B94


Memory occupied by Character Array has been successfully Freed!!!


Memory occupied by Double Array has been successfully Freed!!!


Memory occupied by Floating-point Array has been successfully Freed!!!


Memory occupied by Integer Array has been successfully Freed!!!


C:\MyProjects\rtr05-213\03_CAssignments\upload12\14-Pointers\03-Arrays\06-UserDefinedArrays>
```