

# All Online Learning

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**Write an assembly language program to transfer of data from one block of memory location to any other block of memory location (Non-Overlapping)**

```
MVI C,5
LXI H,2051
LXI D,2056
BACK: MOV A,M
STAX D
INX H
INX D
DCR C
JNZ BACK
HLT
```

**Result:**

**Input:**

Memory Location	Data value
2051	1
2052	2
2053	3
2054	4
2055	5
2056	
2057	
2058	
2059	
2060	

**Output:**

Memory Location	Data value
2051	1
2052	2
2053	3
2054	4
2055	5
2056	1
2057	2
2058	3
2059	4
2060	5