

```
ayush@LAPTOP-2AK9OD54: /mnt/d/MPL assig
Write a X86/64 ALP to perform non-overlapped block transfer with and without string specific instructions.
```

```
Shivanshu Tiwari
```

```
Enter your 64-bit Hex number : 1241326542576427
Enter your 64-bit Hex number : 8347929647578326
Enter your 64-bit Hex number : 8732505827634856
Enter your 64-bit Hex number : 8273648725875937
Enter your 64-bit Hex number : 2234786234582746
```

```
--> Menu :
1. Without string specific instruction
2. With string specific instruction
3. Exit
```

```
--> Select an option from the menu : 1
== > Without String Specific instructions :
```

```
Printing Source block :
Address      -      Value
```

```
00000000004021F5 1241326542576427
```

```
00000000004021FD 8347929647578326
```

```
0000000000402205 8732505827634856
```

```
000000000040220D 8273648725875937
```

```
0000000000402215 2234786234582746
```

```
Printing Destination block :
Address      -      Value
```

```
000000000040221D 0000000000000000
```

```
0000000000402225 0000000000000000
```

```
000000000040222D 0000000000000000
```

```
0000000000402235 0000000000000000
```

```
000000000040223D 0000000000000000
```

```
Printing Source block :
```

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Printing Source block :

Address	-	Value
---------	---	-------

0000000004021F5	1241326542576427
-----------------	------------------

0000000004021FD	8347929647578326
-----------------	------------------

000000000402205	8732505827634856
-----------------	------------------

00000000040220D	8273648725875937
-----------------	------------------

000000000402215	2234786234582746
-----------------	------------------

Printing Destination block :

Address	-	Value
---------	---	-------

00000000040221D	1241326542576427
-----------------	------------------

000000000402225	8347929647578326
-----------------	------------------

00000000040222D	8732505827634856
-----------------	------------------

000000000402235	8273648725875937
-----------------	------------------

00000000040223D	2234786234582746
-----------------	------------------

--> Menu :

1. Without string specific instruction
2. With string specific instruction
3. Exit

--> Select an option from the menu : 2

== > With String Specific instructions :

Printing Source block :

Address	-	Value
---------	---	-------

0000000004021F5	1241326542576427
-----------------	------------------

0000000004021FD	8347929647578326
-----------------	------------------

000000000402205	8732505827634856
-----------------	------------------

Type here to search

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09:21 PM  
03-05-2022

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Printing Source block :

Address	-	Value
0000000004021F5		1241326542576427
0000000004021FD		8347929647578326
000000000402205		8732505827634856
00000000040220D		8273648725875937
000000000402215		2234786234582746

Printing Destination block :

Address	-	Value
00000000040221D		1241326542576427
000000000402225		8347929647578326
00000000040222D		8732505827634856
000000000402235		8273648725875937
00000000040223D		2234786234582746

Printing Source block :

Address	-	Value
0000000004021F5		1241326542576427
0000000004021FD		8347929647578326
000000000402205		8732505827634856
00000000040220D		8273648725875937
000000000402215		2234786234582746

Printing Destination block :

Address	-	Value
---------	---	-------

Type here to search



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ayush@LAPTOP-2AK9OD54: /mnt/d/MPL assig

00000000040222D 8732505827634856

000000000402235 8273648725875937

00000000040223D 2234786234582746

Printing Source block :

Address	-	Value
---------	---	-------

0000000004021F5	1241326542576427
-----------------	------------------

0000000004021FD	8347929647578326
-----------------	------------------

000000000402205	8732505827634856
-----------------	------------------

00000000040220D	8273648725875937
-----------------	------------------

000000000402215	2234786234582746
-----------------	------------------

Printing Destination block :

Address	-	Value
---------	---	-------

00000000040221D	1241326542576427
-----------------	------------------

000000000402225	8347929647578326
-----------------	------------------

00000000040222D	8732505827634856
-----------------	------------------

000000000402235	8273648725875937
-----------------	------------------

00000000040223D	2234786234582746
-----------------	------------------

--> Menu :

1. Without string specific instruction
2. With string specific instruction
3. Exit

--> Select an option from the menu : 3

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