```
nightwing19@Uday-PC:/mnt/d/Programming-Projects/assembly/assign6$ ld -o prog6 prog6.o
nightwing19@Uday-PC:/mnt/d/Programming-Projects/assembly/assign6$ ./prog6
0. Exit

    Non-overlapped block transfer w/o string instructions

Non-overlapped block transfer with string instructions
1
Source:
00000000000402000 --->
                         123456789ABCDEF0
                         0FEDCBA987654321
0000000000402008 --->
0000000000402010 --->
                         A1B2C3D4E5F60718
00000000000402018 --->
                         FFFFFFF00000000
80800000000482828 --->
                        7F8E9DA1BC2D3E4F
Destination:
00000000000402028 --->
                         123456789ABCDEF0
00000000000402030 --->
                         0FEDCBA987654321
00000000000402038 --->
                         A1B2C3D4E5F60718
0000000000402040 --->
                         FFFFFFF00000000
00000000000402048 --->
                        7F8E9DA1BC2D3E4F
nightwing19@Uday-PC:/mnt/d/Programming-Projects/assembly/assign6$ ./prog6
0. Exit
1. Non-overlapped block transfer w/o string instructions
Non-overlapped block transfer with string instructions
2
Source:
0000000000402000 --->
                         123456789ABCDEF0
00000000000402008 --->
                         0FEDCBA987654321
                         A1B2C3D4E5F60718
00000000000402010 --->
00000000000402018 --->
                         FFFFFFF00000000
                         7F8E9DA1BC2D3E4F
80000000000402020 --->
Destination:
0000000000402028 --->
                         123456789ABCDEF0
0000000000402030 --->
                         0FEDCBA987654321
                         A1B2C3D4E5F60718
00000000000402038 --->
00000000000402040 --->
                        FFFFFFF99999999
00000000000402048 --->
                         7F8E9DA1BC2D3E4F
```

nightwing19@Uday-PC:/mnt/d/Programming-Projects/assembly/assign6\$

nightwing19@Uday-PC:/mnt/d/Programming-Projects/assembly/assign6\$ nasm -f elf64 prog6.asm