```
nightwing19@Uday-PC:/mnt/d/Programming-Projects/assembly/assign6$ nasm -f elf64 prog6.asm
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
1. Non-overlapped block transfer w/o string instructions
2. Non-overlapped block transfer with string instructions
1
Source:
0000000000402000   --->    123456789ABCDEF0
0000000000402008   --->    0FEDCBA987654321
0000000000402010   --->    A1B2C3D4E5F60718
0000000000402018   --->    FFFFFFFF00000000
0000000000402020   --->    7F8E9DA1BC2D3E4F
Destination:
0000000000402028   --->    123456789ABCDEF0
0000000000402030   --->    0FEDCBA987654321
0000000000402038   --->    A1B2C3D4E5F60718
0000000000402040   --->    FFFFFFFF00000000
0000000000402048   --->    7F8E9DA1BC2D3E4F
nightwing19@Uday-PC:/mnt/d/Programming-Projects/assembly/assign6$ ./prog6
0. Exit
1. Non-overlapped block transfer w/o string instructions
2. Non-overlapped block transfer with string instructions
2
Source:
0000000000402000   --->    123456789ABCDEF0
0000000000402008   --->    0FEDCBA987654321
0000000000402010   --->    A1B2C3D4E5F60718
0000000000402018   --->    FFFFFFFF00000000
0000000000402020   --->    7F8E9DA1BC2D3E4F
Destination:
0000000000402028   --->    123456789ABCDEF0
0000000000402030   --->    0FEDCBA987654321
0000000000402038   --->    A1B2C3D4E5F60718
0000000000402040   --->    FFFFFFFF00000000
0000000000402048   --->    7F8E9DA1BC2D3E4F
nightwing19@Uday-PC:/mnt/d/Programming-Projects/assembly/assign6$ |
```