



A.Y. 2022-2023

Subject: Process Organization and Architecture

NAAC Accredited with "A" Grade (CGPA: 3.18)

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Experiment 7:

Aim: ALP to transfer n block of data from one segment to another segment.

Code:

```
data segment
seg1 db 1h ,2h ,3h
02
03
    ends
   extra segment seg2 db?
04
05
06
07
    code segment
08
    start:
09
10
    mov ax, data
    mov ds, ax
11
12
    mov ax, extra
13
    mov es,
                 ax
14
    lea si , seg1
lea di , seg2
mov cx, 03h
x: mov ah,ds:[si]
mov es:[di],ah
15
16
17
18
20
21
22
23
24
25
    inc si
    inc di
    dec cx
    jnz
int
26
27
    ends
28 end start
```

Output:

