```
--------------------------------
Midterm Pointer Examples [1/2]
--------------------------------
Pointers:
[1] Example 1
[2] Example 2
[3] Example 3
[4] Example 4
--------------------------------
Pointer Arithmetic:
[5] Example 1
[6] Example 2
[7] Example 3
--------------------------------
[9] Next Page
[0] Exit
--------------------------------
Enter choice: 1
--------------------------------
a[0] = 5
a[1] = 4
a[2] = 3
a[3] = 2
a[4] = 1
--------------------------------
Enter choice: 2
--------------------------------
a[0] = 5
a[1] = 4
a[2] = 3
a[3] = 2
a[4] = 1
--------------------------------
Enter choice: 3
--------------------------------
a[0] = 1
a[1] = 2
a[2] = 3
a[3] = 4
a[4] = 5
--------------------------------
Enter choice: 4
--------------------------------
a[0] = 5
a[1] = 4
a[2] = 3
a[3] = 2
a[4] = 1
--------------------------------
```

```
--------------------------------
Enter choice: 5
--------------------------------
a[0] = 5
a[1] = 4
a[2] = 3
a[3] = 2
a[4] = 1
--------------------------------
Enter choice: 6
--------------------------------
*pa = 5
*pa = 2
*pa = 4
*pa = 5
--------------------------------
Enter choice: 7
--------------------------------
a[0] = 5
a[1] = 4
a[2] = 3
a[3] = 2
a[4] = 1
--------------------------------
Enter choice: 9
--------------------------------
Midterm Pointer Examples [2/2]
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Memory Allocation:
[1] Example 1
[2] Example 2
[3] Example 3
--------------------------------
Other:
[4] Address / Dereferencing
[5] Same Address Pointers
[6] Swap Memory Contents
--------------------------------
[9] Previous Page
[0] Exit
--------------------------------
Enter choice: 1
--------------------------------
*pch = A
*pi = 10
*pf = 3.141600
*pd = 88.300000
--------------------------------
Enter choice: 2
```

```
Enter choice: 2
----------------------------------
Element 0 = 5
Element 1 = 4
Element 2 = 3
Element 3 = 2
Element 4 = 1
----------------------------------
Enter choice: 3
----------------------------------
Element 0 = 5
Element 1 = 4
Element 2 = 3
Element 3 = 2
Element 4 = 1
----------------------------------
Enter choice: 4
----------------------------------
ch = A
i = 10
f = 3.141600
d = 105.100000
----------------------------------
Enter choice: 5
----------------------------------
i = 10
*p1 = 10
*p2 = 10
*p3 = 10
----------------------------------
Enter choice: 6
----------------------------------
x = 10, y = 5
----------------------------------
Enter choice:
```