

CSCI 1900 – Tarnoff  
June 28, 2005 Homework

Homework to be turned in Wednesday, June 29:

1. Decipher the sequence from the linked list to the right assuming the starting index is 5.

Index	Data	Pointer
1	b	8
2	o	1
3	o	9
4	e	7
5	n	3
6	r	2
7	m	0
8	l	4
9	p	6

2. Decipher the two sequences from the linked list to the right assuming that one starts at index is 2 while the other starts at index 10.

Index	Data	Pointer
1	o	12
2	a	7
3	r	4
4	s	6
5	i	1
6	e	0
7	e	5
8	o	3
9	q	11
10	h	8
11	c	0
12	u	0

3. Create the pointer array for the data contained in the linked list shown to the right for the sequence "abcdefg". In addition, identify the starting index.

Index	Data	Pointer
1	b	
2	e	
3	g	
4	a	
5	d	
6	c	
7	f	