

Chapter 8: Data Abstractions

Complete the following Chapter Review Problems on pages 396–399.

#6 (inserting in contiguous array)

#7 (create a linked list in memory)

11	12	13	14	15	16	17	18	19	20	21	22
C		G		E		B		U		F	

The head pointer should contain

#8 (update a linked list in memory) – *write the new value(s) and fill in the entries*

After removing N:

30	31	32	33	34	35	36	37	38	39	40	41
J	38	B	30	X	46	N	40	K		P	34

Now that N is deleted, insert G and fill in the values.

30	31	32	33	34	35	36	37	38	39	40	41
J		B		X				K		P	

#20 (arrangements using stacks)

