

CSE 101 2-17-26

11

pas: ext. 2 more days

CompactData()

Data

0	n	-	-	
→ 1	A	-	-	
→ 2	B	-	-	
3	BC	-	-	
→ 4	☹	-	-	
→ 5	☹	-	-	
→ 6	C	-	-	
→ 7	n	-	-	

offset
0
1
2
3

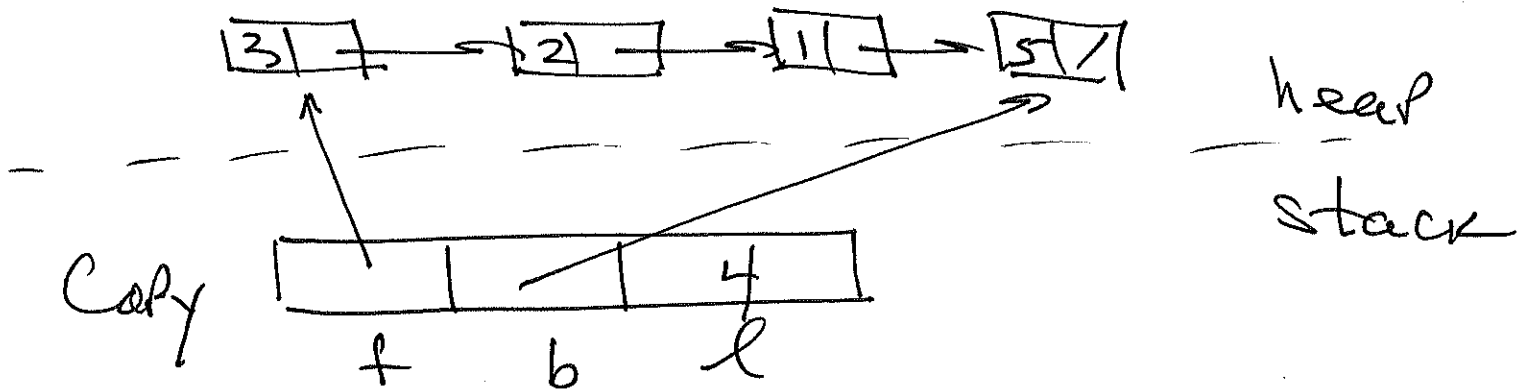
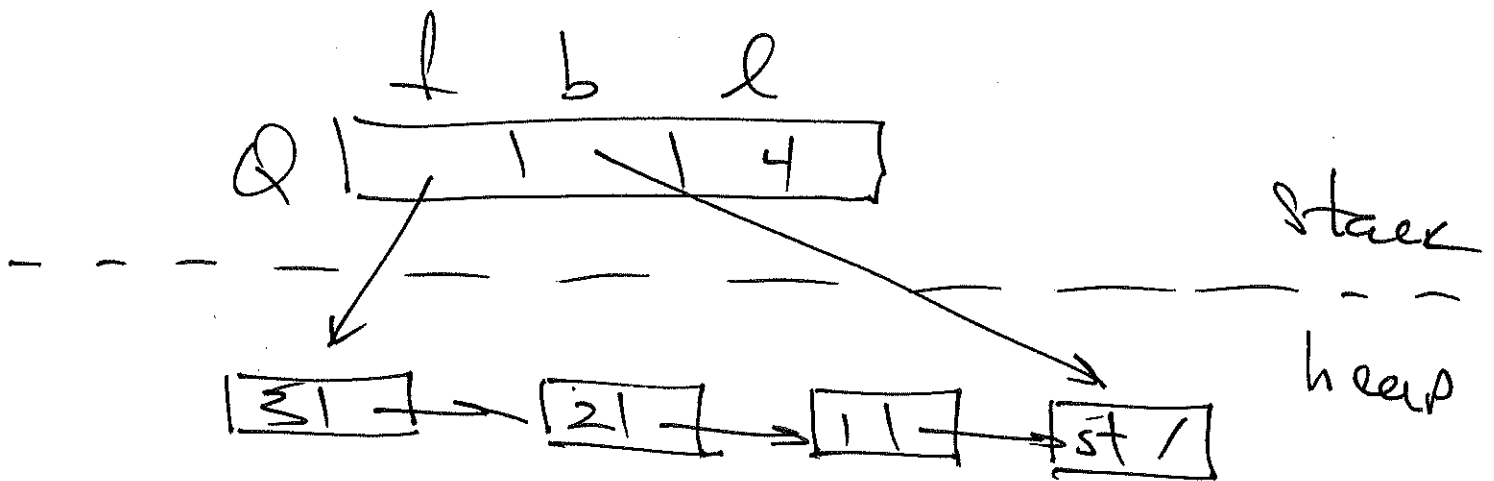
next

next

Page : C++ List

Ex: Queue in C++

Copy Constructor



& in C++

- Bitwise and (C/C++)
- Address-of (C/C++)
- Reference operator (C++ only)

operator on a type to its left
typed

giving corresponding reference type

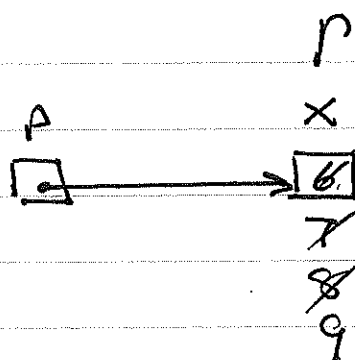
A reference variable is an alias for another variable, like a pointer but with no need to de-reference (*).

EX

int x ; ↗ address-of

int* p = &x ;

int &r = x
 ↑ reference



x = 6 ;

x++ ; // x = 7

(*p)++ ; // x = 8

r++ ; // x = 9