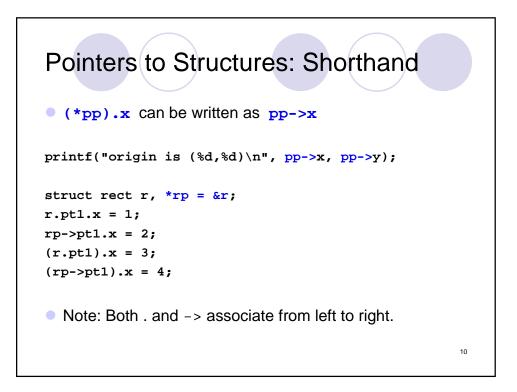
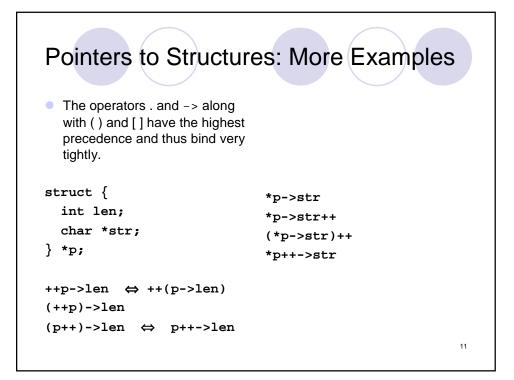
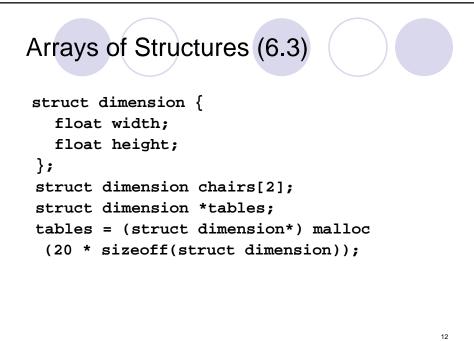


Pointers to Structures: Example

```
/* addpoints: add two points */
struct point addpoint (struct point *p1, struct point *p2)
{
   struct point temp;
   temp.x = (*p1).x + (*p2).x;
   temp.y = (*p1).y + (*p2).y;
   return temp;
}
main() {
   struct point a, b, c;
   /* Input or initialize structures a and b */
   c = addpoint( &a, &b );
}
```



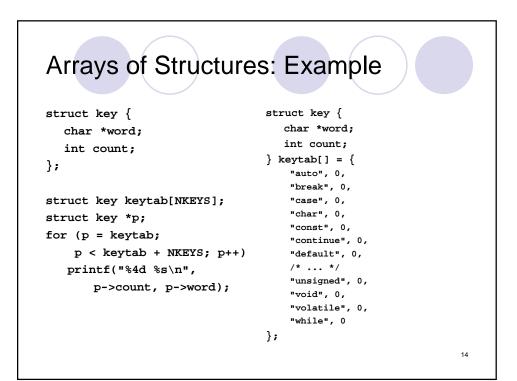




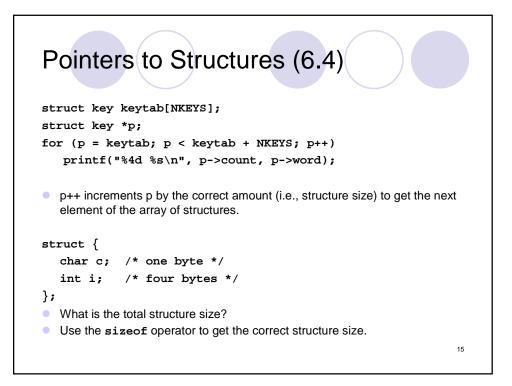
Initializing Structures

struct dimension sofa = {2.0, 3.0};

struct dimension chairs[] = {
 {1.4, 2.0},
 {0.3, 1.0},
 {2.3, 2.0} };



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Self-referential Structures (6.5)	
Example: (singly) linked list	
<pre>struct list { int data; struct list *next; };</pre>	
3	16

