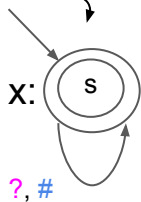


*Abstraction*



1. `list* x = new {.next=NULL, .data=#};`
2. `while (nondet())`
3. `y = x; x = new {.next=y, .data=?};`
4. `while (x->data != #)`
5. `x = x->next; assert(x != NULL);`

**Predicates**

$\emptyset$

**Predicate abstraction**  
collapses states with  
non-empty intersection  
with the same set of  
predicates