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class List {	
int head;	
List tail;	
static List cons (int x, List	у) {
List lst = new List();	ist $ $ st $ $ = $ $ ist cons(3 null):
lst.head = x;	lst l.head = 3:
lst.tail = y;	List $lst2 = List.cons(4, lst1);$
return lst;	List lst3 = List.cons(5, lst2);
}	
}	

## Recursive functions in Java List lst = List.cons(3, null); lst l.head = 3; List lst 2 = List.cons(4, lst 1); int sum (List L) { if (L==null) then return 0 else return L.head + sum(L.tail); } or int sum (List L) { return L==null ? 0 : L.head+sum(L.tail); }









