```
Examples with vectors.
 - Print 5+lin in neurse (see 13,plf).
 - Filters" C.s. write a Ponction that
     takes a vector of int, and yeturns
     another vector containing only the even interes from the input.
    vector <int> evens (vector <int> V)
         Vector <int> E; // return value.
         Bor (int i = 0; ix V. Size(); i++) {
              // VCO] ... VCV. size() -13 are
              if (VC:382 == 0) {
                   11 save VC:3
                   E. Jush-back (VC:3);
          retarn E;
 Nate: this is probably a better prototype:
 veder (int) evens (const veder (int) & V)
           V. pushbuck (0); // work compile.
    Mote the const by reference pattern.

11 It's like by value (V want be madified),
```

1/but if is	efficient, since	I doesn't have
1 to be capic	2().	
1		
1		
Let another necs	on i	
Void evens (cons	t voctor (int) & V, ve	charcint 2 & E)
	input	output
		, pc
vedar (int)	E:	
evens (U, E		
1 Now F	has all the even	elevents of V
Exercise: remove	duplicates from a so	uted vocar.
E.s. Say	V = 1, 1/2/2,	2,3,4,4.
yem so beo con	[2]	last thing he've soon.
		were soon.
Idea: save	first dement	
last	new value were save it in the o	seen' (X)
Then w	wo through V look	ny tac
Somethi,	ng else, when four	ud, save
in the	e ordent, to over us	ite X.