

```
(%o32) makelist(0, i, 1, 43);  
→ I[0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]  
→ x:%o32;  
(x) I[0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]  
→ x[1]:1  
;  
(%o37) 1  
→ x[2]:1;  
(%o38) 1  
→ for i:3 thru 43 do  
    x[i]:x[i-1]+x[i-2];  
(%o39) done  
→ x[43];  
(%o41) 433494437
```