(defun dohanoi(ndisks destination source temp)  
    (cond  
        ((> ndisks 0) (dohanoi (- ndisks 1) temp source destination)  
                (format t "Move the top disk from peg~d to peg~d ~&" source destination)  
                (dohanoi (- ndisks 1) destination temp source)  
        )  
    )  
)

(defun hanoi(n)  
    (dohanoi n 3 1 2)  
)