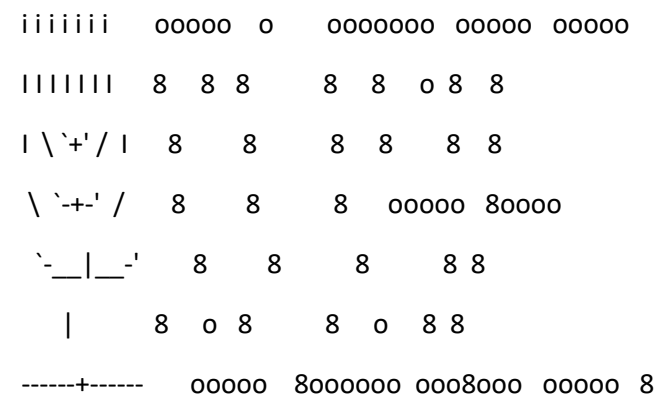

Welcome to GNU CLISP 2.44 (2008-02-02) <http://clisp.cons.org/>

Type :h and hit Enter for context help.

[35]> (load "~/Downloads/Man/mxc.lisp")

;; Loading file /home/sutar010/Downloads/Man/mxc.lisp ...

;; Loaded file /home/sutar010/Downloads/Man/mxc.lisp

T

[36]> (solution 15 15 6)

Left Bank Intially(M C):(15 15) Left Bank after boat left(M C):(15 9) Boat carrying from left bank to right(M C):(0 6) Right Bank Intially(M C):(0 0) Right Bank after boat arrived(M C):(0 6)

Left Bank after boat arrived(M C):(15 10) Left Bank Intially(M C):(15 9) Boat carrying from right bank to left(M C):(0 1) Right Bank after boat left(M C):(0 5) Right Bank Intially(M C):(0 6)

Left Bank Intially(M C):(15 10) Left Bank after boat left(M C):(10 10) Boat carrying from left bank to right(M C):(5 0) Right Bank Intially(M C):(0 5) Right Bank after boat arrived(M C):(5 5)

Left Bank after boat arrived(M C):(11 11) Left Bank Intially(M C):(10 10) Boat carrying from right bank to left(M C):(1 1) Right Bank after boat left(M C):(4 4) Right Bank Intially(M C):(5 5)

Left Bank Intially(M C):(11 11) Left Bank after boat left(M C):(8 8) Boat carrying from left bank to right(M C):(3 3) Right Bank Intially(M C):(4 4) Right Bank after boat arrived(M C):(7 7)

Left Bank after boat arrived(M C):(9 9) Left Bank Intially(M C):(8 8) Boat carrying from right bank to left(M C):(1 1) Right Bank after boat left(M C):(6 6) Right Bank Intially(M C):(7 7)

Left Bank Intially(M C):(9 9) Left Bank after boat left(M C):(6 6) Boat carrying from left bank to right(M C):(3 3) Right Bank Intially(M C):(6 6) Right Bank after boat arrived(M C):(9 9)

Left Bank after boat arrived(M C):(7 7) Left Bank Intially(M C):(6 6) Boat carrying from right bank to left(M C):(1 1) Right Bank after boat left(M C):(8 8) Right Bank Intially(M C):(9 9)

Left Bank Intially(M C):(7 7) Left Bank after boat left(M C):(4 4) Boat carrying from left bank to right(M C):(3 3) Right Bank Intially(M C):(8 8) Right Bank after boat arrived(M C):(11 11)

Left Bank after boat arrived(M C):(5 5) Left Bank Intially(M C):(4 4) Boat carrying from right bank to left(M C):(1 1) Right Bank after boat left(M C):(10 10) Right Bank Intially(M C):(11 11)

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Left Bank after boat arrived(M C):(0 5) Left Bank Intially(M C):(0 4) Boat carrying from right bank to left(M C):(0 1) Right Bank after boat left(M C):(15 10) Right Bank Intially(M C):(15 11)

Left Bank Intially(M C):(0 5) Left Bank after boat left(M C):(0 0) Boat carrying from left bank to right(M C):(0 5) Right Bank Intially(M C):(15 10) Right Bank after boat arrived(M C):(15 15)

successfully transferred all missionariers and cannibals from left to right bank

READ_ME

Steps to run:

1) Load the mxc.lisp file in clisp:

(load "~/file_path/8puzzle.lisp")

2) Call the function solution as example:

(solution 15 15 6)

3) Output will be displayed.