

```

iiiiiii  00000  o   0000000  00000  00000
IIIIIII  8  8  8    8  8  o 8  8
I \ '+ ' / I  8    8    8  8  8  8
\  '-+' /    8    8    8  00000 80000
'-_|__-'    8    8    8    8  8
|          8  o 8    8  o  8  8
-----+-----  00000  8000000  0008000  00000  8

```

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

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Type :h and hit Enter for context help.

```
[38]> (load "~/Downloads/Man/8puzzle.lisp")
```

```
;; Loading file /home/sutar010/Downloads/Man/8puzzle.lisp ...
```

```
;; Loaded file /home/sutar010/Downloads/Man/8puzzle.lisp
```

```
T
```

```
[39]> (solution '(E 1 3 4 2 5 7 8 6))
```

```
|E|1|3|
```

```
|4|2|5|
```

```
|7|8|6|
```

|1|E|3|

|4|2|5|

|7|8|6|

|1|2|3|

|4|E|5|

|7|8|6|

|1|2|3|

|4|5|E|

|7|8|6|

|1|2|3|

|4|5|6|

|7|8|E|

Goal state reached

Nodes expanded: 4

NIL

[40]> (solution '#{8 1 2 E 4 3 7 6 5})

Infeasible puzzle

READ\_ME:

Steps to run:

- 1) Load the mxc.lisp file in clisp:  
(load "~/file\_path/mxc.lisp")
- 2) Call the function solution as example:  
(solution '#{E 1 3 4 2 5 7 8 6})
- 3) Output will be displayed.