```
(defpackage :runr (:use :cl))
(in-package :runr)
 (defvar *eas* nil)
(defvar *settings* nil)
(defvar *help* "
runr: simple lisp
(c)2032 Tim Menzies <timm@ieee.org> BSD-2
 USAGE: lisp runr.lisp [OPTIONS]
   OPTIONS:

-h help show help = nil
-g action start up action = none
-s seed random number seed = 10019")
 (defun 1() (load "runr"))
 (defmacro aif (test then &optional else)
  '(let ((it ,test))
      (if it ,then ,else)))
 (defmacro (s.x &rest xs)
"recursive slot-value access"
(if (null xs) '(slot-value ,s',x) '(? (slot-value ,s',x) ,@xs)))
    (defmacro ! (s) '(first (cdr (assoc ',s *settings*))))
 (and (>= n u) (\times n vergence, \times (\text{defun} trim (s) \\
"$ill leading,initing whitespace" (string-trim (fk\Space $\Tab \times \text{NewVine}) s) \\
(defun thing (s \times aux (s1 (trim s))) \\
"correct \times into a number or string or to rail of \times \times (\text{cond} (c) \text{or all of \times \times \times \text{or all of \times \times \times \text{or all of \times \times \text{or all of \times \times \text{or all of \times \times \times \text{or all of \times \times \times \text{or all of \times \times \text{or all of \times \times \text{or all of \times \times \times \text{or all of \text{or all 
(defvar *seed* 10013)
(defvar rand (*optional (n 2))
*Random 100.0.sn*
(setf *seed* (mod (* 16807.0d0 *seed*) 2147483647.0d0))
(* n (- 1.0d0 (/ *seed* 2147483647.0d0))))
  (defun randi (&optional (n 2) &aux (base 100000000000))

"Random int 0.n-!"

(floor (* n (/ (rand base) base))))
        (BnOW [Tehnow=1] [Lamanca M/] [Lq.s=_(none____) [...]

(program
(matter) (x [ronstructor, (intern (format nil "%MAKE-a" x)))) ,doco ,%body)
(defmethod print-object ((self x) str)
(lamanca (fun (y) (format nil "-(a-a)-a" y (slot-value self y))))
(format str "-a" (cons ',x (mapcar */fun ',show))))))))
(defun cli (settings &optional (args #+clisp ext:*args* #+sbcl sb-ext:*posix-argv*))
(defun about )
"show help" (format t "-a-%-%ACTIONS:-%" *help*) (dollat (three *egs*) (format t "-l0:-a-%" (getf three :name) (getf three :doc))))
 (defmacro eg (what doc &rest src)
"ddfmacaxample"
(push (list :name ',what :doc ',doc :fun (lambda nil ,@src)) *egs*))
 '(push (list 'name', 'what 'noo', 'aoc 'tun (lamoda nil ', esc)) 'egs'))

(defun egg'
   "mu "all actions or just the ('action) action
   (resting random seed and other setting before each action)"

(lat ((fails 0) _ 'ist 'settings')))

(all (member ('action) (list (getf eg :name) "all") :test 'equal)

(when (member ('action) (list (getf eg :name) "all") :test 'equal)

   "seed" ('s seed))

(unless (funcall (getf eg :fun))

(incf fails)

**claip (extrexit fails)

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**seld (sb-ext:exit :code fails)))
```