

```

(forward-line 1)
(let((t1 (thing-at-point 'number)))
  (save-current-buffer
    (set-buffer (get-buffer-create "offsets.log"))
    (if t1
      (let((offset (- t1 t0 desired-tick)))
        (cl-incf offsets)
        (setq sum (+ sum offset))
        (if (or (not max) (> offset max)) (setq max offset))
        (if (or (not min) (> min offset)) (setq min offset))
        (insert (format "%d\n" offset)) )
      (progn
        (goto-char 1)
        (insert
          (let*((mean (/ sum offsets))
                (variance (get-variance mean)) )
            (format
              "readings: %d\nmean: %f\nvariance: %f\nstandard deviation: %f\n"
              offsets mean variance (sqrt variance) min max)))
          (write-file "stats.log")
          (cl-return) ))))))))

```