

```

;;; file name: G:¥datepst¥study-tk
;;;           ¥MS-tk-v01
;;;           ¥prog-tk-shiyo-suru
;;;           ¥price-model-type001
;;;           ¥price-list-type001-fun-v005.lsp
;;;
;;; v005 ( May 26, 2003 )
;;;

```

```

(defun price-list-type001-fun
  ( start-price stop-price increment-price )

  (def no-of-alternatives 1)

  (if (<= start-price 0) (setf start-price 0)
      (setf start-price start-price)
  )

  (if (<= stop-price 0) (setf stop-price 0)
      (setf stop-price stop-price)
  )

  (if (<= increment-price 0) (setf increment-price 0)
      (setf increment-price increment-price)
  )

  (cond ( (>= start-price stop-price)
          (def price-list-type001 start-price)
        )

        ( (= increment-price 0)
          (def price-list-type001 start-price)
        )

        ( t
          (setf no-of-alternatives
                (+ (/ (- stop-price start-price) increment-price) 1)
          )
          (setf no-of-alternatives
                (truncate (+ no-of-alternatives 0.5)
          )
          )
          (def price-list-type001
            (+ start-price
              (- (* (iseq 1 no-of-alternatives)
                    increment-price )
                increment-price)
            )
          )
        )
  )

  price-list-type001

)

```