

```
(write-char #\NewLine)
(write-line "Zadej dva scitance")
(write-string "Scitenc c. 1: ") (setq a (read))
(write-string "Scitenc c. 2: ") (setq b (read))
(write-string "Vysledek je ")
(write (+ a b))
```

```
(defun anone()
  (write-string "Stiskni 1-ano nebo 2-ne ")
  (setq x (read))
  (cond
    ((= x 1) (write-line "Stisknuto 1"))
    ((= x 2) (write-line "Stisknuto 2"))
    (T      (write-line "Stisknuto neco jineho")))
  )
)
```

```
;; Příklad na komentare (tenhle je jednoradkovy)
```

```
#|-----
  viceradkovy komentar
  viceradkovy komentar
  viceradkovy komentar
-----|#
```

```
(defun max2 (x y)
  (if (< x y) y x)
)
```

```
(defun nas (n)
  (do ((i 0 (+ i 1))) ((> i 10))
    (write (* n i))
    (write-char #\Newline))
  (write-line "Hotovo ...")
)
```

```
(defun clrscr ()
  (do ((i 0 (+ i 1))) ((> i 20))
    (write-char #\Newline))
  (write-line "Smazano...")
)
```

```
(defun zadej ()
  (write-line "Vypocet korenu kvadraticke rovnice
tvaru:")
  (write-line "          Ax^2 + Bx + C = 0")
  (write-line
"=====")
  (write-string "Zadej koeficient A: ") (setq a (read))
  (write-string "Zadej koeficient B: ") (setq b (read))
  (write-string "Zadej koeficient C: ") (setq c (read))
)
```

```
(defun diskriminant (x y z)
  (- (* y y) (* 4 x z))
)
```

```
(defun vypocet ()
  (setq d (diskriminant a b c))
  (cond ( (< d 0)
    (write-line "Rovnice nema reseni !!!")
    )
    ( (= d 0)
    (write-line "Rovnice ma jedno reseni.")
    (write-string "X = ")
    (write (/ (- b) (* 2 a)))
    )
    ( (> d 0)
    (write-line "Rovnice ma dve reseni.")
    (write-string "X1 = ")
    (write (/ (+ (- b) (sqrt d)) (* 2 a)))
    (write-char #\Newline)
    (write-string "X2 = ")
    (write (/ (- (- b) (sqrt d)) (* 2 a)))
    )
  )
)
```

```
(defun main ()
  (zadej)
  (vypocet)
)
```