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# Ethan West, CS 2315-00253, Assignment 2 Part 1 Program A

                        .data
sectionPrmpt:           .asciiz "Your section (253 or 254):"
sectionOut:             .asciiz "Hey pal of CS2318."
springFav:              .space 35
springPrmpt:            .asciiz "Spring Break fav (up to 34 characters):"
springOut:              .asciiz "Vamos a "
shoutPrmpt:             .asciiz "One-character shout-out: "
shoutOut:               .asciiz "Meow! "

                        .text
                        .globl main
main:
                        li $v0, 4                       #address of null-terminated string
                        la $a0, sectionPrmpt            #load sectionPrmpt arguement into
register
                        syscall                         #output sectionPrmpt
                        li $v0,5                        #integer read
                        syscall
                        move $t0, $v0                   #move section to temp storage

                        li $v0,4                        #address of null-terminated string
                        la $a0, sectionOut              #load sectionOut arguement into register
                        syscall                         #output sectionOut
                        li $v0,1                        #integer value to print
                        move $a0, $t0                   #retrieve section from temp storage
                        syscall                         #print sectionOut + section

                        li $v0, 11      #new line
                        li $a0, '\n'
                        syscall
                        li $v0, 11      #new line
                        li $a0, '\n'
                        syscall

                        li $v0, 4
                        la $a0, springPrmpt
                        syscall
                        li $v0, 8
                        la $a0, springFav
                        li $a1, 35
                        syscall

                        li $v0,4
                        la $a0, springOut
                        syscall
                        la $a0, springFav
                        syscall

                        li $v0, 11      #new line
                        li $a0, '\n'
                        syscall

                        li $v0, 4
                        la $a0, shoutPrmpt
                        syscall
                        li $v0,12
                        syscall
                        move $t0, $v0

                        li $v0,11
                        li $a0, '\n'
                        syscall

                        li $v0,4
                        la $a0, shoutOut
                        syscall
                        li $v0,11
                        move $a0, $t0
```

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syscall

li $v0, 10
syscall
```