

```
.data #put something into the data segment in memory
section:
cs2318: .ascii "Section Number: "
food: .ascii "Favorite Food (up to 15 characters): "
youlove: .ascii "You love "
userfood: .space 15
firstname: .ascii "First character of firstname: "
howdy: .ascii "Howdy "

.text
.globl main

main:

    #Prints the section number prompt
    li $v0, 4
    la $a0, section
    syscall

    #Takes user input
    li $v0, 5
    syscall

    #Prints the section number with input
    move $t0, $v0
    li $v0, 4
    la $a0, cs2318
    syscall

    #Prints the user input integer after the string
    li $v0, 1
    move $a0, $t0
    syscall

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

    #Prints the favorite food prompt
    li $v0, 4
    la $a0, food
    syscall

    #Takes user input for favorite food
    li $v0, 8
    la $a0, userfood
    li $a1, 15
    syscall
```

```
#Prints message
li $v0, 4
la $a0, youlove
syscall
```

```
#Prints user input food
li $v0, 4
la $a0, userfood
syscall
```

```
#Prints the firstname character prompt
li $v0, 4
la $a0, firstname
syscall
```

```
#Reads input character
li $v0, 12
#la $a0, inputname
syscall
move $t0, $v0
```

```
#Newline
li $v0, 11
li $a0, '\n'
syscall
```

```
#Prints greeting
li $v0, 4
la $a0, howdy
syscall
```

```
#prints input character
li $v0, 11
move $a0, $t0
syscall
```

```
#System exit
li $v0, 10
syscall
```