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#################################################################
# Robert Maldonado, CS 2318-003, Assignment 2 Part 1 Program A   #
#################################################################
# Description : This program first asks the user for an integer, #
# then a string of up to 35 characters in length, then lastly a  #
# character. It will also return the users input.                #
#################################################################
                        .data
string:                 .space 81
intPrmpt:               .asciiz "Enter an integer: "
userInt:                .asciiz "Your integer is: "
strPrmpt:               .asciiz "Enter a string: "
userStr:                .asciiz "Your string is: "
charPrmpt:              .asciiz "Enter a character: "
userChar:               .asciiz "Your character is: "
newline:                .asciiz "\n"

                        .text
                        .globl main
main:

                        li $v0, 4
                        la $a0, intPrmpt
                        syscall
                        li $v0, 5
                        syscall

                        move $t0, $v0
                        li $v0, 4
                        la $a0, userInt
                        syscall

                        li $v0, 1
                        move $a0, $t0
                        syscall

                        li $v0, 4
                        la $a0, newline
                        syscall

                        li $v0, 4
                        la $a0, strPrmpt
                        syscall
                        li $v0, 8
                        la $a0, string
                        li $a1, 36
                        syscall

                        li $v0, 4
                        la $a0, newline
                        syscall

                        li $v0, 4
                        la $a0, userStr
                        syscall
                        la $a0, string
```

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syscall

li $v0, 4
la $a0, newline
syscall

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

li $v0, 4
la $a0, newline
syscall

li $v0, 4
la $a0, userChar
syscall
li $v0, 11
move $a0, $t0
syscall

li $v0, 10
syscall
```