

```

1      .data
2  msg:  .asciiiz "Enter your name: "
3  amn:  .asciiiz "Enter your AM: "
4  st1:  .asciiiz "\nYour name is "
5  st2:  .asciiiz "and your AM is "
6  nam:  .space 255
7
8
9      .text
10     .globl main
11  main:  li $v0, 4          # syscall 4 (print_str)
12         la $a0, msg       # argument: string
13         syscall          # print the string
14
15         la $a0, nam # read a string
16         li $a1, 255   # of 255 bytes maximum
17         li $v0, 8     # syscall 8 (read_str)
18         syscall      # read the string
19
20         li $v0, 4      # syscall 4 (print_str)
21         la $a0, amn    # argument: string
22         syscall      # print the string
23
24         li $v0, 5      # syscall 4 (read_int)
25         syscall      # read the integer
26         add $t2, $zero, $v0
27  #  move $t2, $v0     # ... another approach
28
29         li $v0, 4      # syscall 4 (print_str)
30         la $a0, st1    # argument: string
31         syscall      # print the string
32
33         li $v0, 4      # syscall 4 (print_str)
34         la $a0, nam    # argument: string
35         syscall      # print the string
36
37         li $v0, 4      # syscall 4 (print_str)
38         la $a0, st2    # argument: string
39         syscall      # print the string
40
41         add $a0, $zero, $t2
42  #  move $a0, $t2     # argument: integer ... another approach
43         li $v0, 1      # syscall 1 (print_int)
44         syscall      # print the integer
45
46         jr $ra        # retrun to caller
47

```