

```

#code I used
.data
titledisplay: .asciiz "          THIS IS TO CONVERT FARENHEIT TO CENTIGRADE\n"
A: .asciiz "\nEnter degrees in Fahrenheit: "
result: .asciiz "The temperature in Celsius is "
d: .float 32.0
scalar: .float 5.0
scalar2: .float 9.0

.text
li $v0, 4
la $a0, titledisplay
syscall
li $v0, 4
la $a0, A
syscall

li $v0, 6
syscall

l.s $f1, d
l.s $f2, scalar
l.s $f3, scalar2

sub.s $f0, $f0, $f1
mul.s $f0, $f0, $f2
div.s $f0, $f0, $f3

li $v0, 4
la $a0, result
syscall

li $v0, 2
mov.s $f12, $f0
syscall

li $v0, 10
syscall

```

C:\Users\thera\Downloads\mips1.asm - MARS 4.5

File Edit Run Settings Tools Help

Run speed at max (no interaction)

Edit Execute

Assignment 8 MIPS3.docx mips1.asm

```
13 syscall
14 li $v0, 4
15 la $a0, A
16 syscall
17
18 li $v0, 6
19 syscall
20
21 l.s $f1, d
22 l.s $f2, scalar
23 l.s $f3, scalar2
24
25 sub.s $f0, $f0, $f1
26 mul.s $f0, $f0, $f2
27 div.s $f0, $f0, $f3
28
29 li $v0, 4
30 la $a0, result
31 syscall
32
33 li $v0, 2
34 mov.s $f12, $f0
35 syscall
36
37 li $v0, 10
38 syscall
39
```

Line: 20 Column: 1 ☒ Show Line Numbers

Mars Messages Run I/O

Clear

THIS IS TO CONVERT FARENHEIT TO CENTIGRADE

Enter degrees in Fahrenheit: 675

The temperature in Celsius is 357.22223

-- program is finished running --

Registers Coproc 1 Coproc 0

Name	Number	Value
\$0 (ra/zero)	0	0x00000000
\$12 (status)	12	0x0000ff11
\$13 (cause)	13	0x00000000
\$14 (epc)	14	0x00000000

83°F Cloudy 3:35 PM 10/27/2022