

Set \$r12 to 92 ← Prompt

```

# "Hello World" in MIPS assembly
# From: http://labs.cs.upt.ro/labs/so2/html/resources/nachos-doc/mipsf.html

# All program code is placed after the
# .text assembler directive
.text

# Declare main as a global function
.globl main

# The label 'main' represents the starting point
main:

# your code here
addi $t4, $0, 92
addi $s3, $0, 43

# All memory structures are placed after the
# .data assembler directive
.data
      
```

← Code Text

NAME	NUM	VALUE
\$zero	0	undef
\$at	1	undef
\$v0	2	undef
\$v1	3	undef
\$a0	4	undef
\$a1	5	undef
\$a2	6	undef
\$a3	7	undef
\$t0	8	undef
\$t1	9	undef
\$t2	10	undef
\$t3	11	undef
\$t4	12	undef
\$t5	13	undef
\$t6	14	undef
\$t7	15	undef
\$s0	16	undef
\$s1	17	undef
\$s2	18	undef
\$s3	19	undef
\$s4	20	undef
\$s5	21	undef
\$s6	22	undef
\$s7	23	undef
\$t8	24	undef
\$t9	25	undef
\$k0	26	undef
\$k1	27	undef
\$gp	28	undef
\$sp	29	undef
\$fp	30	undef
\$ra	31	undef

← Registers

Main Menu

Hint

Submit Code

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Help ?

- **Prompt:** The prompt provided for the lesson
- **Registers:** The values of all of the registers, will be updated on each run of code, initially undefined
- **Code Text:** The text editor for writing and editing the code to be submitted.
- **Main Menu:** Takes you back to the main menu
- **Hint:** Button displays a pop-up containing the hint for this lesson.
- **Submit Code:** Runs code and checks solution, will save submissions to *SMIP/lesson_files/Submissions/{lesson title}(Submission).s*
- **Previous Lesson:** Takes you to the previous lesson in the session.
- **Reference:** Gives a drop down of the references provided for this lesson, select them to open
- **Next Lesson:** Take you to the next lesson in the session.