COMP2611: Computer Organization

MIPS functions

❑ You will learn the following in this lab:

    ❑ how to use MIPS functions in a program.

❑ Try the following example programs in order:

  ❑ <u>functionCall1.s</u> (returning through the address in $ra).

  ❑ <u>functionCall2.s</u> (can't return because $ra has been overwritten).

  ❑ <u>functionCall3.s</u> (preserving the registers).

  ❑ <u>functionCall4.s</u> (passing more than 4 function arguments).

  ❑ <u>functionCall5.s</u> (preserving the function arguments).

❑ You have learnt:

    ❑ how to use MIPS functions in a program.