(5 pts) Exercise 2-31

- Suppose you are given the code for the following function:
  int function1(int a, int b);
Write MIPS code to call function1(3, 7) and then store the result in $s0

(5 pts) Exercise 2-32

- Now you have this definition for function1:
  int function1(int a, int b) {
    return (a – b);
  }
Write MIPS code to define function1.
• Write MIPS code to define the following function:
  ```mips
  int cat(int a, int b) {
    if (a < b)
      return a;
    else
      return b;
  }
  ```
(5 pts) Exercise 2-36

• Write the MIPS code to define the following function
  int function2(int g, int h)
  { return g + function1(g, h); }
(You will need to store something on the stack – why?)
(5 pts) Exercise 2-37

• Write the MIPS code to define the following function
  int function3(int a, int b)
    { return function6(a) + function7(b); }
(You will need to store something on the stack – why?)
(10 pts) Exercise 2-38

• Write the MIPS code to define the following function
  int lemur(int a, int b)
  { return panda(a) + b; }