- Part 1. Jiashuo Ihang (1365330)
- 1. a. 62
  - b. 17.
    - C. -4
- 2. a. It is a function that takes a number as its argument.

  This function doubles its argument and return the result multiplied by 3.
  - The value bound in the closure is "thing", which is 3. The "f" is a function that doubles its argument. Here f is taken as an argument and used in (f x). The result of (f x), which is (double x), will be multiplied by "thing", which is 3.
  - b. mystery is the function in a. (make-thing 3 double)
    In (lambda (x) (\* thing (f x))),
    thing is 3 and f is double.
    The parameter x is 5 that we give in (mystery 5).
    The result is (\* 3 (double 5)) = 30