



(1) 
$$f(1,0) = f(0,1) = 2$$
  
 $f(1,1) = f(0, f(1,0)) = f(1,1) = 3$   
 $f(1,1) = f(0, f(1,1)) = f(0,3) = 4$   
(1)  $f(1,0) = f(1,1) = 3$   
 $f(1,1) = f(1, f(2,0)) = f(12,0) + 2 = 5$   
 $f(1,2) = f(1, f(2,1)) = f(2,1) + 2 = 7$   
(3) (a) When calling a function, push current status into a stack, including parameters, return address, etc. Then proceed the function. After that, pop and return to the status before the function proceeded.