



172 (1) f(0)=0 $f(1) = f(0) \times 2 + 1 = 1$ $f(2) = f(1) \times 2 + 2 = 4$ f(3) = f(2) x2+3=11 (2) 9. 14. pop r, ret Line 6 to line 17 actually defines a recursive function. The function keep push its parameter and return address to the stack until a base cuse is reached. Then recursively compute the result from the base case and finally output.