

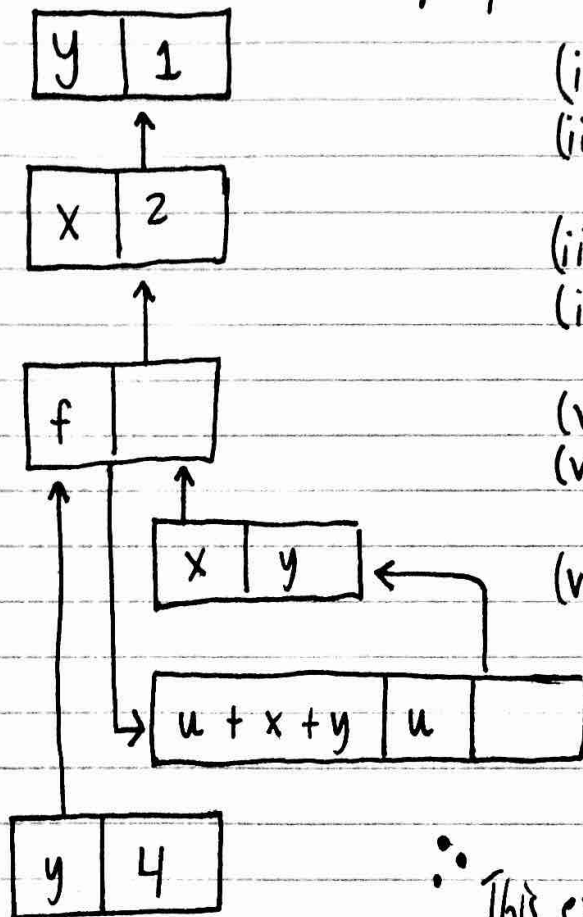
Assignment 4

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Question 3/

steps of evaluation/



- (i) y is bound to 4
- (ii) move to the enclosing environment to get value of f
- (iii) go to body of f , u is bound to 4
- (iv) move to enclosing environments to find x and y
- (v) x is bound to y
- (vi) enclosing environment gives a binding of 1 to y
- (vii) expression is evaluated as $(4 + 1 + 1) = 6$

∴ This expression evaluates to 6,