Homework &, probletoin

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13.and

= 9) Evaluated from left to right:

sum 
$$2 = tn(8j) + (j/2)j$$

$$-9 \text{ Sum 2} = 41 + (\frac{14}{2})i$$

(hy ())

b) Right to left Sum 1 = ( 1/2 ) + fum ( 2 ? ) ; Sum 2 = fum (eg) + (P/2); Since its Right to left now, i=j=10, Sum I will be somelar to left how ship sunz. and vice-vera. 1.07 Sum 1 = 48. ) Sum 2 = 46 /; The output was Sum1:46 Sum 2: 48-This is because Cto compiler read from deft to right the function in Also smee, Also call-by-seference the values of 9 and 3 are changed after

the fination in called. So, Sum 1 = 5 + 41 = 46, Sum 2 = U1+7 = U8. [(fuc(8j))+(3/2)7 More detailed expresplanation (step-by-8tep) is given is problem i post a-Please do consider that as an explanation as well. Problem 3: sol: The output in b With function call on the right, bin 30. With function call on the left, Lin wo This is became, when the furties in called on right, b= a+tm(ea) a in not changed so Scanned by Camscanner

Later, ( : function add 10 to a and setures a) b = 000 10+20; b= 30 : But when function in call on left, i.e, b = qun(8 a) + a; d in 20 now smel omd its call by reference and value of and changed b= 20+ a; = b=20+20, [b=40].