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Q1
$$t = a + b$$
$$u = c + d$$
$$v = t + u$$
$$w = t + v$$

Computing order it given : t, u, v, w

∴ Order = u - v - t - w

System creatistics Number of register

is 02 [R0 R1]

Instruction		cost	Register	Address descriptor
mov A, R0	R0 = A	2	R0 continue	t is in R0
ADD B, R0	R0 = A+B	2*1		
mov C, R1	R1 = C	2	R1 Contr	u is R1
ADD D, R1	R1 = C+D	2*1		t is in R0
mov R0, t	R0 empty	2	R0 Contin V	V is in R0
mov E, R6	R0 = R0+R1	2	R1 Continu	V is in R1
ADD R0, R1	E + (C+D) = V	1		
mov t, R1	R1 = A+B(t)	2	R0 Contrs	V is in R0
ADD R1, R0	R1 = R1+R0	1	R1 Contain	W is in R1
v R1, W		2	W	

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