

Que 1 A [3,2] where buse address is 1000 and width is 2. then Calculate the memory address of location L(1,10) using (RMO). LOC(A[1,1])=1000+2[2X(1-0)+(1-0)] =1000+2(2X(1)+(1)) 1000+2(2+1) = 1000+2(3) 21000+61+170-200 -1006 location 07. A[3,2] 21006 Oue? A[3,2] Where buse address in Loop and width in 2 then calculate the memory address of atocation (2,0) using (RM) LOC(A[2,0]) 21000+2[2x(2-0)+(0-0) 21000+2(2x(2)+6)] 2 1000 + 2 (4+0) 21000+8 2 1008 10 cation of A[2,0]=1008



Q13 A 2[-2--2,3---7] of element othe Stocting location is 2000. Each Clement occupies two memory Cell. Calculate the location of A A E-1,47 Using (RMO) Loc (A[-1,4]) 22000 + 2[5x(-1-(-2))+(4-3)] = 3000+2(5x(1)+(1) = 2000+2[5+1] 22000+2(6) 22012 location of A[-1,4] 2 2012 LOC (A[2,6]) 22000 +2 [5x(2-(-2))+(6-3) -2000+2[5x(4)+(3) 22000 +2 [20+3] 22000+2[23] 22046 Location of A[2,6] 2 2046 LOC (A [0,6])=2000+2[5x(0-(-2))+(6-3) z 8000+2[5x(2)+(3)] = 2000+2[10+3 -2000 +2[13] - 2026 docation of A[0,6]=2026