## Assignment. B Paga: Data: 1, Name-Sahil Chaudhar; A=[3,2] base address us us 1000 and width is 2 Calcutate the memory address of docation A VI. 1 I using (cmo) 1 10C(A:[1,1])=1000+2[3X(1-0)+(1-0] = 1000 + 2 (3×(1) +(1) = 1000+2[3+1] 71000+8 = 1008 2) LOC[A=[2,0]) 21000+2[3x(a-0)+(2-0)] z 1000 f 2 [3x (0) + (2)] 21000+2[0+2] 21000+4 21004 A=[-2--2,3--7] of element the Stuating location is 2000 Fach element occupies two memory cell. Calculate the docation 0/A(0,5) Usiny ((MO).

LOC(A=[-1,4])=2000+2[5x(4-3)+[-1-(-2]-22000 +2 (5x (1)+ (1 22000+2[5+1] -2000 + 13 =2012 2) LO((A2[2,6])-2000+2[5x(6-3)+(2-(2)] 22000 +2[5x(3)+(4) 72000+2[15+4] 22000+2119 = 2000+38 2 3038 3) LOC (A2[0,6]]=2000+2[5x(6-3)+(0-(-2 22000 +2[5x(3)+(2) 22000 +2[15+2 22000+2[17] 22600 + 34 27034

multistack wright a algorithm for 2 stack publi, Pop, a traverse Step 1 -> global declaration stacks

## defind size 10

Stack[Size]:

top12-1, top 22 stack Size. Step 2 -> OVER flow & push element EStack[top1]:= Stack[top2] EStack[top1] = in Sext element top 1 ++; Stack [top2] = in sext element else {

Print ("Stack one or two in overflas")

L Step 3 -> under flow or pap element if (Stack (top1] < 0)

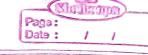
& print ("Stack as under flow") }

else &

Stack (top1) = delete

Stack (top1) = top-1; // assign

Stack & jetop = top-1; // assign



e print (" stuck in production")? Stack [toP2] = delete; Stack => top2 = Top2 + 13/1 assign exit's Step 4 -> traverse if (Top1 = = -1 or Top2> Stack -[maxsizer-1] Print (" Stack cas under flow" for (i=0; ix Top 2; i++) {
prin+ ("Traverse stuck()"Stuck[i])

for (i= Top 1+1; id Sotuck of max size; itt)

Print ("Traverse Stack(2)") Stack [i

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