13 [11 2000] Lale test -1 void purh (introde? , int ele , int top if (top = = SIZE-I) door & see print (" In Stack overflow"); System out printer !" Enten vicifi elle me top ++ ,. stack (top) = ele,. int pap (int top, int stack [7) if (top = = -1) return -1, ehoe popel - stack [top], return (popele)

void duplay (int stack []) DHRUVA.M full men seems - top a stop i, i the first print 1"The stack elements are In"),. par (i= top , i>=0 , i--) punts & stacks; stack : [i] + stacks [for printy 1" %d(+", stack [i]), for (i= numg-1, i== ; i--) vaid merge [int stack 1[], int stack 2[]. in stack 3[]) elving (top 2= = top), i tim if (tap 1 > tap 2) for (i=0; ic=tap; i++), int num = top 1 - tap 2 for (i=0; i< num; i++) puch 3 (stack 3, stack 1(1)). for (i= num ; i <= top , i++) purhs (stack 3, stack 1[i] + stack 2[i-i)

elie if 1 tap 25 tap 1) DHRUVA. 4 18M19C5049 int num - top 2 - top 1, DHRUVAM for (i=0, i == tap1, i++) for (is top , 150 , 1-1) } purh 3 (stack 3, stack ([i] + stack) [tap >-i) for (i= num =-1, i>=0 ; i--) purh3/stack3 stack2[i]), elie if (top 2== top 1) of (top 1 > top 2) for (i=0; i = tap; i++) int num: tap 1- dap 2 puch 3 (itack 3, stack 1[i] + stack 2 [tap1-i] puch 3 (stack 3, stack 1(13), { ton (is nown; is top, it) prudis + startes, starte 167: startesp. 3