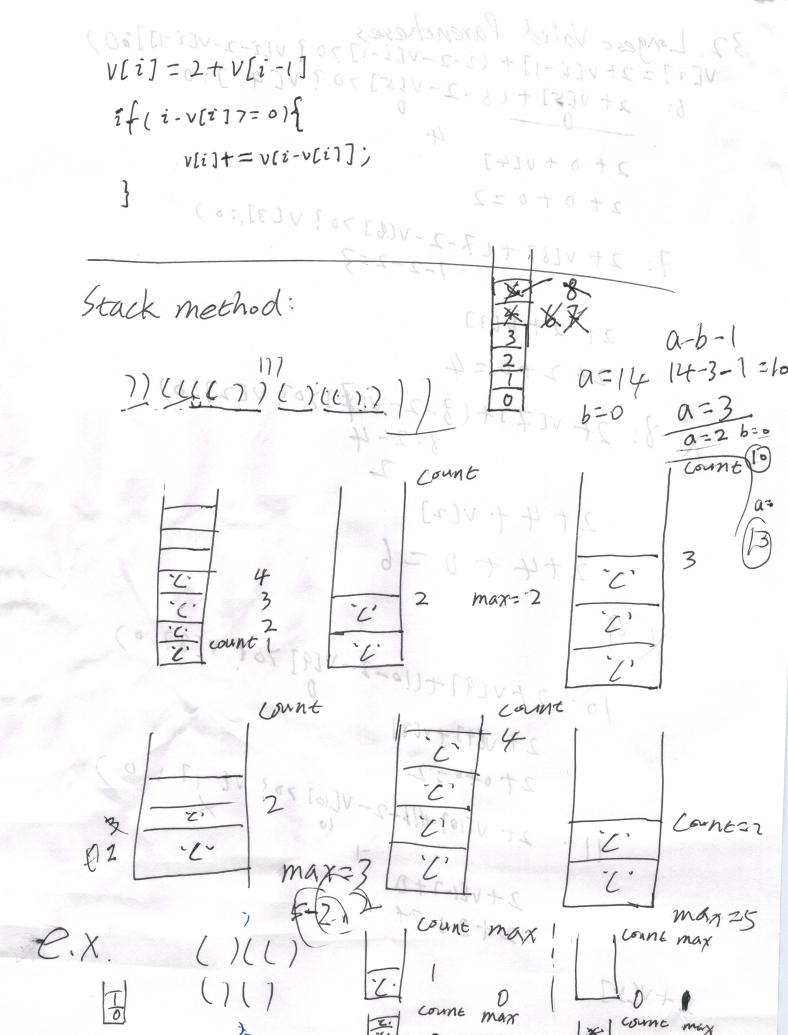
32. Longest Valid Parentheses V[i]=2+v[i-1]+(i-2-v[i-1]70? v[i-2-v[i-1]]:0) 2+ V[5] + (6-2-V[5] 70? V[4]:0= [5]V 11-11-11/217=014 V[[3]+=V[6-V[6]]) 2+0+014] 2+0+0=2 7: 2+ V[6]+L7-2-V[6]70?V[3]:0) 1-2-2=3 2 + 2 + 163] V2+2+0=4 8: 2+ V[7]+(8-2-V[\*]707. V[2]:0) 8-2-4 JANE Z GNING 2+4+V[2] 2+4+0=6 10:2tv[9]+110-2-v[9]707. v[37.0) 2+ VC9]+VC8] 2+ V[10]+(11-2-V[10] 703 V[-1]; 0) 2+VE1-2+0 = = XAM 2+2+2+ mdy 25 want may 2+165] come man



1-012345678910111213 4rd: b=0 11 (ongest = max a=14, b=0 while (! St. empty 1)) { cyde longes==max( longest=max (14, 14-14-1) longest, a) =2/0 10 2nd: 6=2; 5/3 <=10 longest= max (10, 3-2-1) a=b 3rd :

lungest = mag (10, 2-1-1)

0123456 push [(1) (() 2-0-172. 103-2-15=0 = 2/0 0 1 2 2 0=5 5=0 (S=d (1-2+8, 03 man = 3-12-1) (1(1))