



**3. Trace the following program to find the secret word****[4 Points]**

Original Program		Your Answer	
1	INCLUDE Irvine32.inc	21	
2		22	
3	.data	23	mov eax, 0
4	str1 byte "owprpreplra"	24	mov esi, 0
5	str2 byte "-----"	25	mov ecx, lengthof str2
6		26	l2:
7	.code	27	pop ax
8	main PROC	28	mov str2[esi], al
9		29	inc esi
10	mov eax, 0	30	loop l2
11	mov esi, 0	31	
12	mov ecx, lengthof str1	32	mov edx, offset str2
13	l1:	33	call writestring
14	test esi, 1	34	call crlf
15	jnz skip	35	
16	mov al, str1[esi]	36	exit
17	push ax	37	
18	skip:	38	main endp
19	inc esi	39	END main
20	loop l1	40	

The program output is :

-----**aleppo**-----**DRAFT**