Date: l'ime Complexity	Day:MTW
if $n = len(list 1) + len(list 2)$	-)
for k in range (0, n/2+1):	
Considering the above loop we use the following summation formula:	
r=m	
en our case n = n/2 and	
Thus	
$\frac{7}{4}$ C_{2} C $(\frac{7}{2} + 1 - 0)$	
$= c \left(\frac{n+2}{2} \right)$	
Hence time complexity will b	4
0(n)	