1.

loop i from 1 to 10

loop z from 0 to 6

Future\_pop[z] = 0

End loop

Loop k from 0 to 6

Loop f from k to 6

If f=k then

Future\_pop[k] = Curr\_pop[k] \* Table[k][k]

Else

Future\_pop[k] = future\_pop[k]+(curr\_pop[j]\*table[j][k])-(table[k][j]\*curr\_pop[k])

End if

Loop h from 0 to 6

Curr\_pop[h] = future\_pop[h]

End loop

End loop

End loop

Loop i from 0 to 6

Output curr\_pop[i]

End loop

2.

[1]Traversing start with Q1 to the end, counting the total number in queue. Then traverse from the end to the third one.

[2]Traverse another pointer to end of Q2

[3]Reassign pointer from first queue to the second.

[4]Reassign pointer of last member in Q2 to the moved member.