Instructions: For each of the following three loop nets, draw the dependence between the read and the write, and indicate if the dependence is a true or anti dependence.

#1) FOR I = 1 to n
    FOR J = 1 to n

#2) FOR I = 1 to n
    FOR J = 1 to n
    B[J] = B[J-1]

#3) FOR I = 1 to n
    FOR J = 1 to n

For each of the loop nests, indicate if the dependence is a true or anti dependence?

- Loop nest #1:
- Loop nest #2:
- Loop nest #3: