**Pseudocode to add two polynomials**

Step 1: BEGIN PROCEDURE

DECLARE first\_array [0,8,7,6,5,3] of size 5

Step 2: DECLARE second\_array [1,2,3,6] of size 3

Step 3: DECLARE sum[first\_array.length]

Step 4: Declare i=0

Step 5: FOR loop until i is less than the length of sum

Sum[i]=first\_array[i]+second\_array[i]

i++

Next loop

Step 6: PRINT sum