**Etape4:**

**1:**

**BEGIN**

**DECLARE N, X, I, S AS INTEGER**

**S = 0**

**INPUT N**

**FOR I = 0 TO N-1 DO**

**INPUT X**

**IF X % 2 == 0 THEN**

**S = S + X**

**END IF**

**END FOR**

**OUTPUT S**

**END**

**2:**

**BEGIN DECLARE I, J, N, TEMP AS INTEGER**

**DECLARE LIN AS INTEGER ARRAY**

**INPUT N**

**FOR I = 0 TO N-1 DO**

**INPUT LIN[I]**

**END FOR**

**FOR J = 0 TO N-1 DO**

**TEMP = LIN[J]**

**I = J - 1**

**WHILE I >= 0 AND LIN[I] > TEMP DO**

**LIN[I+1] = LIN[I]**

**I = I - 1**

**END WHILE**

**LIN[I+1] = TEMP**

**END FOR**

**OUTPUT LIN END**

**3:**

**BEGIN**

**DECLARE N, X, I, S AS INTEGER**

**INPUT N S = 0**

**FOR I = 0 TO N-1 DO**

**INPUT X**

**S = S + X**

**END FOR**

**OUTPUT S / N**

**END**

**4:**

**algorithm isPalindrome(n)**

**temp = n**

**p = 0**

**while n != 0:**

**lastDigit = n % 10**

**p = p \* 10 + lastDigit**

**n = n / 10**

**if temp == p: output 1**

**else: output -1**