

```
DECLARE Numbers: ARRAY[1:6] OF INTEGER
DECLARE Swapped: BOOLEAN
DECLARE i, j, Temp: INTEGER
# Populate the Numbers array
Swapped <- True
i <- 0
PRINT "Before: ", Numbers

WHILE Swapped
    Swapped <- False
    FOR j <- 1 TO LENGTH(Numbers) - i - 1
        if Numbers[j] > Numbers[j + 1] THEN
            Temp <- Numbers[j]
            Numbers[j] <- Numbers[j + 1]
            Numbers[j + 1] <- Temp
            Swapped <- True
        endif
    NEXT j
    i <- i + 1
ENDWHILE
```