```
METHOD MAIN
        BEGIN
            nums ← {1, 4, 13, 43, -25, 17, 22, -37, 29}

            CREATE array data

            data ← CALL fillRand with data

            numsLarge ←  CALL findLargest with nums

            dataLarge ← CALL findLargest with data

            PRINT "nums' largest number is "  numsLarge

            PRINT "Data's largest number is " dataLarge

            PRINT "The sum of the largest numbers is " numsLarge + dataLarge

            PRINT “Data contains " + CALL Arrays.toString with data

            PRINT "longest continuous series of positive numbers for data: " CALL
            positiveSeriesLen with data
END MAIN


METHOD FINDLARGEST (takes in array nums returns number)
        BEGIN
            currentLargest ← nums[0]

            FOR each item in  nums

                IF (item > currentLargest) than

                        currentLargest ← item

                ENDIF

            ENDFOR

            RETURN currentLagest
END FINDLARGEST


METHOD FILLRAND (takes in array data returns array)
        BEGIN
```

```
        FOR each item in data
            Item ← CALL random with int between -100 and 100
        ENDFOR
        RETURN data
END FILLRAND

METHOD POSITIVESERIESLEN (takes in array data returns number)
    BEGIN
        cnt ← 0
        largestCnt ← 0

        FOR each item in data
            IF ( item is positive) then
                cnt ← cnt + 1
                IF (cnt > largestCnt)
                    largestCnt ← cnt
                ENDIF
            ELSE
                cnt ← 0
            ENDIF
        ENDFOR
        RETURN largestCnt
    END POSITIVESERIESLEN
```