**PSEUDO-CODE**

BEGIN

INPUT N

INPUT a1, a2, … , an

MAX = a1

i = 2

WHILE (i <= n)

DO

IF MAX < ai

MAX = ai

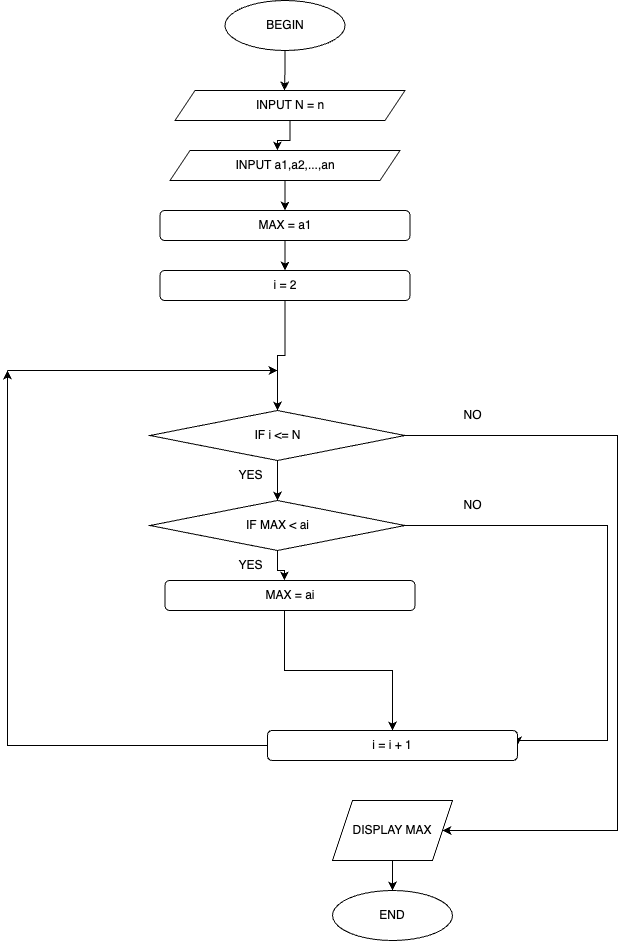
i = i + 1

ELSE

i = i + 1

END DO

END

**FLOWCHART**