

Pseudo Code

```
BEGIN
    INPUT  N
    i = 1
    WHILE ( i <= N)
        DO
            INPUT ai
            i = i + 1
        END DO
    a1 = max
    ii = 1
    WHILE (ii <= N)
        DO
            IF (max < aii)
                max = aii
            END IF
            ii = ii + 1
        END DO
    DISPLAY      max
END
```

Flowchart



