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1 !PROBLEM 2
2 ! Name: Debasis Buxy
3 !PRN: 22020004154
4 ! Date: 5/7/21
5 ! to find the largest number from a list of numbers
6
7 program LARGEST
8     implicit none
9     integer :: X(10)
10    integer :: I, N
11    integer :: MAXN
12
13    write(*,*) "Enter size ( <", 10,"): "
14    read(*,*) N
15
16    write(*,*) "Enter", N, "numbers: "
17    read(*,*) (X(I), I = 1, N)
18    write(*,*) "Entered numbers: "
19    write(*,*) (X(I), I = 1, N)
20
21    !do I = 1, N
22    !    write(*,*) "Enter a number: "
23    !    read(*,*) X(I)
24    !    write(*,*) X(I), "entered!"
25    !end do
26
27    MAXN = X(1)
28    do I = 2, N
29        if (X(I) > MAXN) then
30            MAXN = X(I)
31        end if
32    end do
33
34    write(*,*) MAXN, "is the largest number"
35 end program LARGEST

```