**PseudoCode:**

**Begin**

**Declare array a[n] and variable i, max**

**Input n from User and input all the elements of a[n]**

**Initialize Variable i=1 and max=a[0]**

**Repeat Until i<=n-1**

**if(a[i]>max), set max=a[i]**

**increment i=i+1**

**Display "The max element is": max**

**End**

**Flowchart**

