findMax(A)

```
                                        Cost        Times
Max =A[1]                               c1            1
for i=1 to A.length-1                   c2            (n+1)
    if Max<A[i+1]                       c3            n
        Max = A[i+1]                    c4            n
```

1) This method does not have a best and worst case because it will always run for the full duration of the array
2) Runtime: O(n)
    a) T(n) = 1 + (n+1) + n + n
    b) T(n) = 2n+ n+2
    c) T(n) = 3n+2
    d) =3O(n) + 2O(1)
    e) =O(n)