**W1D2**

1. **Question 1**
2. Algorithm1
3. **Algorithm2**

thirdLargest(A,n

max 🡨 MIN\_INTEGER, preMax 🡨 MIN\_INTEGER, prePreMax 🡨 MIN\_INTEGER

for I 🡨 0 to n – 1 do

cur 🡨 A[0]

**if** cur > max **then**

prePreMax 🡨 preMax

preMax 🡨 max

max 🡨 cur

**else if** cur > preMax **then**

prePreMax 🡨 preMax

preMax = cur

**else if** cur > prePreMax **then**

prePreMax 🡨 cur

**return** prePreMax