

## **ALGORITHM**

Find the 2<sup>nd</sup> largest number of the three given numbers:

**Step 1:** Start

**Step 2:** Read the three integer values (say A, B and C)

**Step 3:** Check if A is greater than B and A is greater than C

**Step 3.1:** If true, then check if B is greater than C.

**Step 3.1.1:** If true, print 'B' as the 2<sup>nd</sup> largest number.

**Step 3.1.2:** If false, print 'C' as the 2<sup>nd</sup> largest number.

**Step 3.2:** Else if, check if B is greater than A and B is greater than C

**Step 3.2.1:** Check if A is greater than C

**Step 3.2.1.1:** If true, print 'A' as the 2<sup>nd</sup> largest number.

**Step 3.2.1.2:** If false, print 'C' as the 2<sup>nd</sup> largest number.

**Step 3.3:** Else if, check if A is greater than B

**Step 3.3.1:** If true, print 'A' as the 2<sup>nd</sup> largest number.

**Step 3.3.2:** If false, print 'B' as the 2<sup>nd</sup> largest number.

**Step 4:** Stop

# FLOWCHART

