**Algorithm:**

1.Initialize 3 variables num1, num2, num3.

2.take the inputs from the user.

3.check if num1 is greater than num2 and num3.

1.if true, check if num2 is greater than num3.

1.if true, print num2 is 2nd largest.

2.if false, print num3 is 2nd largest.

4.check if num2 is greater than num2 and num3.

1.if true, check if num1 is greater than num3.

1.if true, print num1 is 2nd largest.

2.if false, print num3 is 2nd largest.

5.check if num3 is greater than num1 and num2.

1.if true, check if num1 is greater than num2.

1.if true, print num1 is 2nd largest.

2.if false, print num2 is 2nd largest.