1. **Step-by-step description:**

**Step 1:** Input the first number that you want to compare

**Step 2:** Input the second number that you want to compare

**Step 3:** The program checks if a is greater than b.

* + If **true** a is greater, the program sets max = a.
  + If **false** b is greater or equal to a, the program sets max = b.

**Step 4:** Print out the value of max

1. **Pseudocode:**

START

INPUT a

INPUT b

IF a > b THEN

max = a

ELSE

max = b

PRINT max

END