Trace through the following pseudocode segment with user inputs as shown in tables. As you trace, record the values of each variable and any output provided.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| a | b | c | **Output** | **Input** |
|  |  |  | **Input 2 numbers** | **2 -1** |
| 2 | -1 |  | -1 |  |
| -1 | 2 | 2 | 0 |  |
| 0 |  |  | 1 |  |
| 1 |  |  | 2 |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
|  |  |  |  |  |

Print "Input 2 numbers: "

Get a and b

If (b < a)

c 🡨 a

a 🡨 b

b 🡨 c

End if

While (a <= b)

Print a

a 🡨 a + 1

End while

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| a | b | c | **Output** | **Input** |
|  |  |  | **Input 2 numbers** | **3 6** |
| 3 | 6 |  | 3 |  |
| 4 |  |  | 4 |  |
| 5 |  |  | 5 |  |
| 6 |  |  | 6 |  |
| 7 |  |  |  |  |
|  |  |  |  |  |