**Ejercicio 1.10.** Para la siguiente secuencia de código Python 3.6, complete respectivamente el estado de las variables y la salida que se despliega en pantalla (sólo cuando ésta ocurre):

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **Instruction Python** | | **Estado de variables** | **Salida en pantalla** |
| n1 = 3 | n1 -> … 3 |  |
| n2 = 5 | n1 ->… 3  n2 -> … 5 |  |
| for x in range ( n1, n2 ):  print ( “Valor ==> ”, x \* x ) | n1 ->… 3  n2 -> … 5  x -> … 3 | 9 |
|  | n1 ->… 3  n2 -> … 5  x -> … 4 | 16 |
| print ( “Valor final de x: “, x ) | n1 ->… 3  n2 -> … 5  x -> … 4 | 4 |
| n2 = n2 // n1 | n1 ->… 3  n2 -> … 1  x -> … 4 |  |
| print ( “Valor de n2: “, n2 )   |  | | --- | |  | | n1 ->… 3  n2 -> … 1  x -> … 4 | 1 |

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[http://www.pythontutor.com/visualize.html#code=n1%20%3D%203%20%20%0A%0An2%20%3D%205%20%20%0A%0Afor%20x%20in%20range%20%28%20n1,%20n2%20%29%3A%0A%20print%20%28%20%22Valor%20%3D%3D%3E%20%22,%20x%20\*%20x%20%29%0A%20%0Aprint%20%28%20%22Valor%20final%20de%20x%3A%20%22,%20x%20%29%0A%0An2%20%3D%20n2%20//%20n1%0A%0Aprint%20%28%20%22Valor%20de%20n2%3A%20%22,%20n2%20%29&cumulative=false&curInstr=10&heapPrimitives=nevernest&mode=display&origin=opt-frontend.js&py=3&rawInputLstJSON=%5B%5D&textReferences=false](http://www.pythontutor.com/visualize.html#code=n1%20%3D%203%20%20%0A%0An2%20%3D%205%20%20%0A%0Afor%20x%20in%20range%20%28%20n1,%20n2%20%29%3A%0A%20print%20%28%20%22Valor%20%3D%3D%3E%20%22,%20x%20*%20x%20%29%0A%20%0Aprint%20%28%20%22Valor%20final%20de%20x%3A%20%22,%20x%20%29%0A%0An2%20%3D%20n2%20//%20n1%0A%0Aprint%20%28%20%22Valor%20de%20n2%3A%20%22,%20n2%20%29&cumulative=false&curInstr=10&heapPrimitives=nevernest&mode=display&origin=opt-frontend.js&py=3&rawInputLstJSON=%5B%5D&textReferences=false)

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<iframe width="800" height="500" frameborder="0" src="http://pythontutor.com/iframe-embed.html#code=n1%20%3D%203%20%20%0A%0An2%20%3D%205%20%20%0A%0Afor%20x%20in%20range%20%28%20n1,%20n2%20%29%3A%0A%20print%20%28%20%22Valor%20%3D%3D%3E%20%22,%20x%20\*%20x%20%29%0A%20%0Aprint%20%28%20%22Valor%20final%20de%20x%3A%20%22,%20x%20%29%0A%0An2%20%3D%20n2%20//%20n1%0A%0Aprint%20%28%20%22Valor%20de%20n2%3A%20%22,%20n2%20%29&codeDivHeight=400&codeDivWidth=350&cumulative=false&curInstr=10&heapPrimitives=nevernest&origin=opt-frontend.js&py=3&rawInputLstJSON=%5B%5D&textReferences=false"> </iframe>