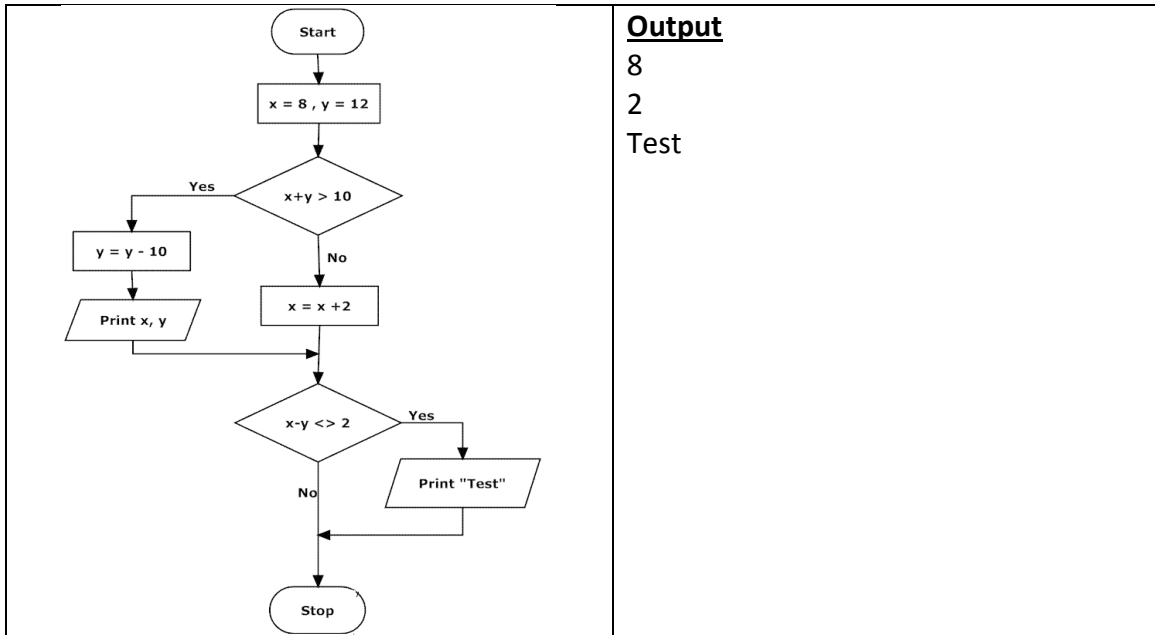


Problem Solving Examples

What is the output for the following code:

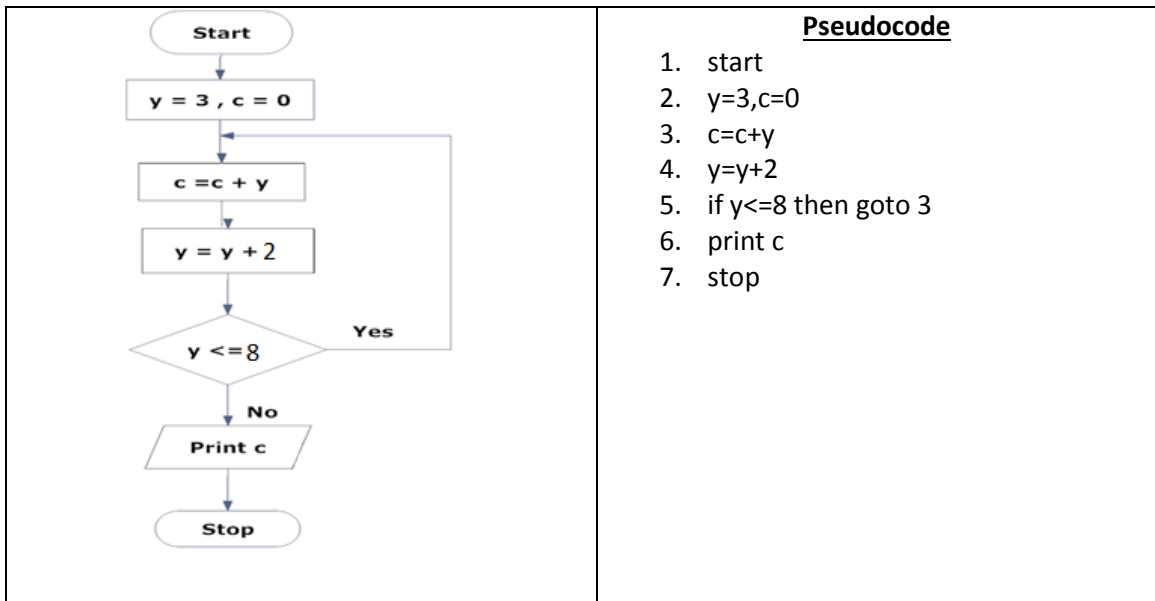
Assume that the inputs are: 4, 1, 8 1. Start 2. a = 4 3. Input x 4. If a mod x = 0 then goto 6 5. goto 8 6. print x 7. goto 3 8. Stop	Output 4 1
Assume that x=5 1. Start 2. Sum=0 3. Input x 4. C=1 5. If x mod c =0 then sum=sum+c 6. Increment c by 1 7. If c<=x then goto 5 8. Print sum 9. Stop	Output 6
Assume the inputs are : 12, 28, 6, 10, 4 1. Start 2. Input N 3. Max= N 4. c=1 5. input N 6. if N > max then max =N 7. c=c+1 8. if c<5 then goto 5 9. print max 10. stop	Output 28

Computer Skills for Medical Students
 Problem Solving Examples



Pseudocode

1. Start
2. x=8, y= 12
3. If $x+y > 10$ then decrement y by 10 , print x, y else Increment x by 2
4. If $x-y \neq 2$ then print "Test"
5. Stop



Output

15

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