

line
number

1

step
number

1

total
steps

12

globals

stack

heap

line
number

2

step
number

2

total
steps

12

globals

x

=

4



stack

heap

line
number

3

step
number

3

total
steps

12

globals

x = 4 

t = 0 

stack

heap

line
number

4

step
number

4

total
steps

12

globals

x = 4 

t = 0 

y = 0 

stack

heap

line
number

3

step
number

5

total
steps

12

globals

x = 4 

t = 0 

y = 0 

stack

heap

line
number

4

step
number

6

total
steps

12

globals

x = 4 

t = 0 

y = 1 

stack

heap

line
number

3

step
number

7

total
steps

12

globals

x = 4 

t = 1 

y = 1 

stack

heap

line
number

4

step
number

8

total
steps

12

globals

x = 4 

t = 1 

y = 2 

stack

heap

line
number

3

step
number

9

total
steps

12

globals

x = 4 

t = 3 

y = 2 

stack

heap

line
number

4

step
number

10

total
steps

12

globals

x = 4 

t = 3 

y = 3 

stack

heap

line
number

3

step
number

11

total
steps

12

globals

x = 4 

t = 6 

y = 3 

stack

heap

line
number

5

step
number

12

total
steps

12

globals

x = 4 

t = 6 

stack

heap