| line number 1 | step number 1 | total steps 12 |

globals	stack	heap

globals	stack	heap
x = 4		

| line number 3 | step number 3 | total steps 12 |

globals

| x | = | 4 | 🗑 |
| total | = | 0 | 🗑 |

stack

heap

| line number | 4 | step number | 4 | total steps | 12 |

globals

x	=	4
total	=	0
y	=	0

stack

heap

| line number | 3 | step number | 5 | total steps | 12 |

globals

x = 4

total = 0

y = 0

stack

heap

| line number | 4 | step number | 6 | total steps | 12 |

globals

x	=	4
total	=	0
y	=	1

stack

heap

globals

x	=	4
total	=	1
y	=	1

stack

heap

| line number | 4 | step number | 8 | total steps | 12 |

globals

x	=	4
total	=	1
y	=	2

stack

heap

globals	stack	heap
x = 4		
total = 3		
y = 2		

| line number | 4 | step number | 10 | total steps | 12 |

globals

- x = 4
- total = 3
- y = 3

stack

heap

globals

x = 4

total = 3

y = 3

stack

heap

globals

x = 4

total = 3

y = 3

stack

heap