class Point {

Heap

int x;

int y;

}

// This method increments the int by 1 and

// moves the point to the right

1

void increment(Point point, int n) {

n = n + 1;

point.x = point.x + 1;

point = null;

println " At the end of the method..."

println " The integer is " + n;

println " The point is " + point;

}

// Program execution starts here

Point myPoint = new Point();

myPoint.x = 0;

myPoint.y = 0;

int myInt = 0;

println "The integer is now " + myInt;

println "The point is now " + myPoint.x + "," + myPoint.y;

println "Calling method increment(Point, int)..."

increment(myPoint, myInt);

println "The integer is now " + myInt;

println "The point is now " + myPoint.x + "," + myPoint.y;

0

1

myInt

int

Point

myPoint

Int

y

x

Int

Stack