Pass by Reference vs Pass by Value Practice

1. Where is each item stored in memory?

public class MemoryReview {

int x = 1;

static int *y* = 10;

public static void main(String[] args) {

int z = 100;

MemoryReview obj1 = new MemoryReview();

MemoryReview obj2 = new MemoryReview();

}

}

“Hello”

str:

MemoryReview  
Class:

obj2:

100

obj1:

z:

HEAP

STRING POOL

STACK

**m**

**main(\_)**

10

y:

x:

1

Pass by Reference vs Pass by Value Practice

1. Where is each item stored in memory?

public class MemoryReviewWrapper {

Integer x = 1;

static Integer y = 2;

public static void main(String[] args) {

Integer x = 100;

Integer y = 200;

Integer z = Integer.*valueOf*(200);

MemoryReviewWrapper obj = new MemoryReviewWrapper();

}

}

obj1:

HEAP

STRING POOL

STACK

**m**

**main(\_)**

1

z:

y:

x:

200

2

MemoryReviewWrapper  
Class:

100