

# AP Unit 5 Lab 1 - Selection Operator

Pts: 5

Name \_\_\_\_\_

Class Hr \_\_\_\_\_

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## I. A) Selection Operator (5.1 p.189)

1a) Open **AP1ch05lab01.java**

b) Run and write the output:

1b) \_\_\_\_\_

2a) Replace the lines **if (x > 0)**

**y = "x > 0";**

**else**

**y = "x <= 0";**

with **y = (x > 0)? "x > 0": "x <= 0";**

b) Run and write the output

2b) \_\_\_\_\_

3) Was the output in #1b) and #2b) the same? (yes/no)

3) \_\_\_\_\_

4a) Change **y = (x > 0)? "x > 0": "x <= 0";** to  
**y = x > 0? "x > 0": "x <= 0";** and then Run

b) Was the output the same as #2b)? (yes/no)

4b) \_\_\_\_\_

5a) Change **x = 10;** to **x = -5;**

b) Run and write the output

5b) \_\_\_\_\_

## B) What is the final value of y in the following code fragments

1) **int x, y;**  
**x = 10;**  
**y = 0;**  
**y = (y > x)? 1: -1;**

1) \_\_\_\_\_

2) **int x, y;**  
**x = 10;**  
**y = 20;**  
**y = (y > x)? 1: -1;**

2) \_\_\_\_\_

**Turn in this sheet to be graded!**