

Provide *inputs* (you are not required to provide outputs) to obtain the following levels of coverage in either of the listed code (Java or Python). Regardless of language semantics, assume all conditions within each 'if' statement are executed (i.e., no short-circuiting). Coverage levels are:

- Line Coverage *Only*
- Line and Branch Coverage *Only*
- Conditional Coverage *Only*
- Line, Branch, Condition, and Branch & Condition *Only*
- Line, Branch, Condition, Branch & Condition, and Multiple Condition

Code to be tested in **Java** is:

```
int func(int a, int b, int c) {  
  
    int branchCount = 0;  
    if((a <= -1) && (b == -1) && (c != -1)) {  
        branchCount++;  
    }  
  
    if((a == -1) || (b >= -1) || (c > -1)) {  
        branchCount++;  
    }  
  
    return branchCount;  
}
```

Code to be tested in **Python** is:

```
def func(a, b, c):  
    branch_count = 0  
  
    if (a <= -1) and (b == -1) and (c != -1):  
        branch_count += 1  
  
    if (a == -1) or (b >= -1) or (c > -1):  
        branch_count += 1  
  
    return branch_count
```

**Note:** Please submit test case inputs in a list of parenthesis (e.g., "(10, 20, 30)" for a, b, and c inputs respectively). **Only integers** may be passed in for a, b, and c. For example, the following format would be correct to submit (however ***the values are not correct***):

Line Coverage:

(10, 20, 30)

(40, 50, 60)

Line & Branch Coverage:

(70, 80, 90)

Condition Coverage:

(100, 200, 300)

(400, 500, 600)

Line, Branch, Condition, and Branch & Condition Coverage:

(11, 22, 33)

(41, 52, 63)

(42, 54, 64)

Line, Branch, Condition, Branch & Condition, and Multiple Condition Coverage:

(210, 220, 230)

(240, 250, 260)