

Problem:

Given two integer variables **a** and **b**, and a boolean variable **flag**. The task is to check the status and return accordingly.

Return **True** for the following cases:

- Either **a** or **b** (not both) is non-negative and the **flag** is false.
- Both **a** and **b** are negative and the **flag** is true.

Otherwise, return **False**.

Examples:

Input: a = 1, b = -1, flag = False

Output: True

Explanation: Since a is positive, b is negative, and flag is False, condition 1 holds true, so the function returns True.

Code:

```
def status_of_integer(a,b,flag):
    if ((a>0 and b<0) or (a<0 and b>0)) and not flag:
        return True
    elif ((a<0 and b<0) and flag):
        return True
    else:
        return False
print(status_of_integer(-1,-2,True))
```