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Given the program listed below, please design three test sets according to the following coverage criterion :

- 1. Condition Coverage
- 2. Decision Coverage
- 3. Modified C/D Coverage

```
public double calc(int a, int b, double c) {
    double d = 0;
    if (a > 0 && b > 0) {
        c = c / a;
    }
    if (a > 1 || c > 1) {
        c = c + 1;
    }
    d = b + c;
    return d;
}
```

1. Condition Coverage

Condition 1: a > 0
Condition 2: b > 0
Condition 3: a > 1
Condition 4: c > 1

test sets	C1	C2	C3	C4
a=2,b=2,c=2	T	T	T	T
a=-1,b=-1,c=-1	F	F	F	F

2. Decision Coverage

Decision 1: a > 0 && b > 0
Decision 2: a > 1 || c > 1

test sets	D1	D2
a=2,b=2,c=2	T	T
a=-1,b=-1,c=-1	F	F

3. Modified C/D Coverage

test sets	C1	C2	C3	C4	D1	D2	Comments
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test sets	C1	C2	C3	C4	D1	D2	Comments
t_1 a=2, b=2, c=-2	T	T	T	F	T	T	t_1 and t_2 coverage C2
t_2 a=2, b=-2, c=-2	T	F	T	F	F	T	
t_3 a=-2, b=2, c=-2	F	T	F	F	F	F	t_1 and t_3 coverage C1, C3
t_4 a=-2, b=2, c=2	F	T	F	T	F	T	t_3 and t_4 coverage C4