

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;  
}
```

题目中的程序有2个if语句，可以得到：

condition个数：4

C1: a > 0

C2: b > 0

C3: a > 1

C4: c > 1

decision个数：2

D1: a > 0 && b > 0

D2: a > 1 || c > 1

1. Condition Coverage

	C1	C2	C3	C4	D1	D2
t1	true	false	true	false	false	true
t2	false	true	false	true	false	true

2. Decision Coverage

	C1	C2	C3	C4	D1	D2
t1	true	false	true	false	false	true
t2	true	true	false	false	true	false
t3	false	true	true	true	false	true

3. MC/DC

	C1	C2	C3	C4	D1	D2
t1	true	true	true	true	true	true
t2	false	true	false	false	false	false
t3	true	false	true	false	false	true