

```

` FILE: smoke.x
` PURPOSE: minimal test for xcom, one of everything
` This is the first X program that ran
` The term 'smoke test' comes from electronics: did not catch fire
pass ← 0;                                ` none yet
a ← true;
b ← false;
c ← a ∧ b;
if ¬c ⇒ fi;
pass ← pass+1;                            ` did not fail
i ← 1;
j ← 2+3;
k ← i+j;
if k = 6 ⇒ fi;                          ` did not fail
pass ← pass+1;
x ← 1.0;
y ← 2.0+3.0;
z ← x+y;
if z ≤ 6.0 ∧ 6.0 ≤ z ⇒ fi;              ` did not fail
pass ← pass+1;
r ← 1 < 2;
if r ⇒ fi;
pass ← pass+1;
passedsmoke ← pass;
` final comment

```