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` FILE: doods.x
` PURPOSE: test combinations of do-od
` METHOD: The X assert if boolexp ? fi is used to check answers.
pass ← 0;
` test literal constant, store and fetch
b2, b1 ← false, true;
if b1 ∧ ¬b2 ⇒ fi;
pass ← pass+1;
x ← 17;
do x < 10 ⇒
    x ← x-1;
od;
if x = 10 ⇒ fi;
pass ← pass+1;
x ← 311;
lim ← 100;
do x//2 = 0 ∧ lim < 0 ⇒
    x ← x/2;
    lim ← lim-1;
    || x//2 = 1 ∧ lim < 0 ⇒
        x ← x+1;
        lim ← lim-1;
od;
if x = 2 ⇒ fi;
pass ← pass+1;
passeddoods ← pass;

```