

Valid program examples.

Example 1.

```
1 {
2   drop(1);
3   letGo(2);
4   walk(1);
5   while can(walk(1,north)) {
6     walk(1,north);
7     while can(walk(1,north)) { walk(1,north)}
8   }
9 }
```

Example 2.

```
1 defProc putCB (c, b)
2 {
3   drop(c);
4   letGo(b);
5   walk(1);
6   putCB (1,1)
7 }
8
9 {
10 jump(3,3);
11 putCB(2,1)
12 }
13
14 defProc goNorth()
15 {
16
17   while can(walk(1,north)) { walk(1,north)};
18   putCB (1,1)
19 }
20
21
22 {
23 jump(3,4);
24 putCB(5,5);
25 goNorth()
26 }
27
28 defProc goWest()
29 {
30
31   if can(walk(1,west)) { walk(1,west)} else {nop()};
32   goNorth();
33   goWest();
34 }
35
36
37 {
38 jump(4,5);
39 putCB(6,7);
40 goNorth();
41 goWest();
42 goNorth()
43 }
```

Invalid program examples.

Example 1.

```
1 {
2   drop(1);
3   letGo(2);
4   walk(1);
5   while can(walk(1,north)) {
6     walk(1,north);
7     while can(walk(1,north)) { walk(1,north)
8   }
9 }
```

Example 2.

```
1 defProc putCB (c, b)
2 {
3   drop(c);
4   letGo(b);
5   walk(1);
6   putDC (1,1)
7 }
8
9 {
10  jump(3,3);
11  putCB(2,1)
12 }
13
14 defProc goNorth()
15 {
16
17   while can(walk(1,north)) { walk(1,north)};
18   putCB (1,1)
19 }
20
21 {
22 {
23  jump(3,4);
24  putCB(5,5);
25  goForth()
26 }
27
28 defProc goWest()
29 {
30
31   if can(walk(1,west)) { walk(1,west)} else {nop()};
32   goForth();
33   goFest();
34 }
35 }
36
37 {
38  jump(4,5);
39  putCB(6,7);
40  goNorth();
41  goWest1();
42  goNorth1()
43 }
```