

## AST pretty-printer (v 1.0) basic I/O examples

### Input:

while 4-5 do if 2 mod 4 then a:= 100 ;

### Output:

```
while
-
  4
  5
If
  mod
    2
    4
  Assign
    a
    100
```

### Input:

if 3 mod 2 then begin a:=3 end ;

### Output:

```
If
  mod
    3
    2
  Assign
    a
    3
```

### Input:

while 3 div 2 do a := 10 ; if 4 mod 5 then c := 20 ;

### Output:

```
While
/
  3
  2
  Assign
    a
    10
If
  mod
    4
    5
  Assign
    c
    20
```

**Input:**

if  $a+b*c-d$  then  $f := g$  ;

**Output:**

If

+

a

-

\*

b

c

d

Assign

f

g

**Input:**

while 10 do  $a:=10$  ; if 20 then  $b:= 20$ ;  $c := 30$  ;

**Output:**

While

10

Assign

a

10

If

20

Assign

b

20

Assign

c

30

