Valid 1:

declare int x := 1.

declare int y := 5.

declare int z := 20.

x \*\* 2.

y // 5.

z % 2.

say(x).

say(y).

say(z).

x += 5.

y -= 2.

say(x).

say(y).

Valid 2:

declare string name := "John".

declare bool is\_valid := true.

declare bool is\_not\_valid := false.

say(name).

say(is\_valid).

say(is\_not\_valid).

say(name = "Doe").

is\_valid !!.

say(is\_valid).

Valid 3:

declare int x := 0.

declare int z := 20.

declare int count := 0.

%if-else conditional

(z <= x) maybe {

say("apple").

}. owise {

say("orange").

}.

(count < 10) aslongas {

say(count).

count ++.

}.

Invalid 1:

declare x = 5.

say(x).

Invalid 2:

declare int x := 0.

owise {

say("no").

}

Invalid 3:

declare srtring name := “John”.

name += “Smith”.