```
x: Integer = 42
y: Float = sin(x)
z: String = "Value"
```

Type Checking

```
assert(x >= 0)
a <- angleCmp(x)

verify(
 0 <= a &&
 a <= 40
)
```

Verification

```
for (i in 1:n) {
  sum <- sum + i
}
    ▼
sum <- n*(n+1)/2
```

Optimization

```
x <- 42
if (x < 0) {
  print("Negative")
}  # Dead Code
```

Linting

```
inp <- read.csv("data.csv")
clean <- filter(inp, a>5)
plot(inp$a, inp$a)
```

Slicing

```
x <- u + 0
print(x)
    ▼
y <- u + 0
print(y)
```

Refactoring

And **Communicate** or **Use** results