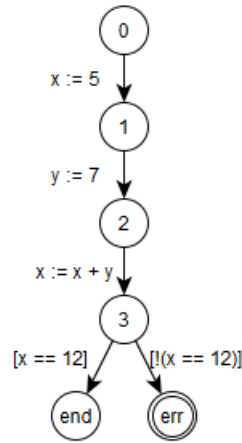


```

int x, y
0: x = 5
1: y = 7
2: x = y + x
3: assert x == 12

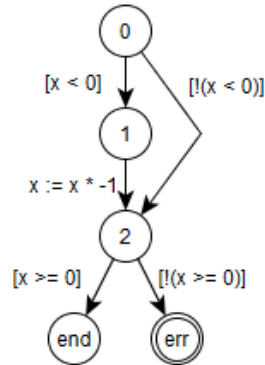
```



```

int x
0: if (x < 0) {
1:   x = x * -1
}
2: assert x >= 0

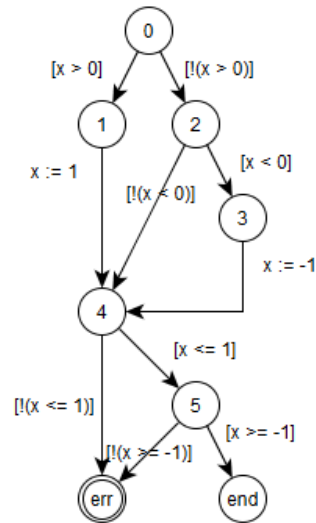
```



```

int x
0: if (x > 0) {
1:   x = 1
2: else if (x < 0) {
3:   x = -1
}
4: assert x <= 1
5: assert x >= -1

```



```

int x
0: x = 0
1: while (x < 5) {
2:   x = x + 1
}
3: assert x == 5

```

