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Exercise Sheet Nr. 1  
(Deadline Wednesday, 01-05-2024, 15:59)

Task	1.1	1.2	2.1	2.2	2.3	2.4
Completed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Feedback	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Exercise 1 - Cyclomatic Complexity

### Exercise 1.1

### Exercise 1.2

The alternative choice of the CFG construction would not alter the value of the cyclomatic Complexity metric since:

$$V(G) = |E| - |V| + p = 10 - 9 + 2 = 3$$

which is the holds the same value as the original CFG. We can thereby conclude that the cyclomatic complexity metric is independent of wheather we chose one version or the other. For overview sake I would argue that represented version is way more readable and easier to understand.

## Exercise 2 - Cost Estimation