

Parser1

Activity: 3 - Parser 1

Course: ICSI311-Principles Programming Lang (6398)

Name: Rusho Bin Nabi

| Criteria | Great | Good | OK | Poor | Criterion Score |
|--|---|---|--|---|-----------------|
| Code Style | 10 points Good naming, non-trivial methods well commented, static only when necessary, private members (10)  | 6 points Mostly good naming, most necessary comments (6) | 3 points Some good naming, some necessary comments (3) | 0 points Few comments, bad names (0) | 10 / 10 |
| Unit Tests | 20 points All functionality tested (20) | 12 points Missing tests (12) | 6 points At least one (6)  | 0 points Don't exist (0) | 6 / 20 |
| Criterion Feedback parseStatement() no method called which is called in parseblock method -> parse method so code, test doesnt run | | | | | |
| Token Handler | 20 points All functionality tested (20)  | 12 points Exists, member correct, some methods correct, constructor correct (12) | 3 points Exists and holds tokens (3) | 0 points Doesn't exist (0) | 20 / 20 |

| Criteria | Great | Good | OK | Poor | Criterion Score |
|------------------|---|---|---|-------------------------------|-----------------|
| AcceptSeperators | 5 points Accepts one or more, returns true if any (5) ✓ | 0 points | 3 points Attempted (3) | 0 points Doesn't exist (0) | 5 / 5 |
| Parse | 5 points Creates ProgramNode, loops over Parse calls correctly, throws exception if unknown item found (5) ✓ | 0 points | 3 points Attempted (3) | 0 points Doesn't exist (0) | 5 / 5 |
| ParseFunction | 15 points Uses MatchAndRemove(), handles any number of parameters, fills in ASTNode correctly (15) ✓ | 10 points Two of: Uses MatchAndRemove(), handles any number of parameters, fills in ASTNode correctly (10) | 5 points One of: Uses MatchAndRemove(), handles any number of parameters, fills in ASTNode correctly (5) | 0 points Doesn't exist (0) | 15 / 15 |
| Parse Action | 10 points Uses MatchAndRemove(), handles any number of parameters, fills in ASTNode correctly (10) ✓ | 6 points Two of: Uses MatchAndRemove(), handles any number of parameters, fills in ASTNode correctly (6) | 3 points One of: Uses MatchAndRemove(), handles any number of parameters, fills in ASTNode correctly (3) | 0 points Doesn't exist (0) | 10 / 10 |

| Criteria | Great | Good | OK | Poor | Criterion Score |
|------------------------|---|----------|-----------------------------|-------------------------------|-----------------|
| Program Node | 5 points Members exist, correctly initialized, reasonable ToString() (5) ✓ | 0 points | 3 points Attempted (3) | 0 points Doesn't exist (0) | 5 / 5 |
| FunctionDefinitionNode | 5 points Members exist, correctly initialized, reasonable ToString() (5) ✓ | 0 points | 3 points Attempted (3) | 0 points Doesn't exist (0) | 5 / 5 |
| BlockNode | 5 points Members exist, correctly initialized, reasonable ToString() (5) | 0 points | 3 points Attempted (3) ✓ | 0 points Doesn't exist (0) | 3 / 5 |

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|--|-------|------|----|------|-----------------|
| <p>Criterion Feedback</p> <pre>getCondition().ifPresent(node -> { output.append("Condition(").append(node).append(" ").append("+"); }); or Optional<Node> conditionOptional = getCondition(); if (conditionOptional.isPresent()) { Node node = conditionOptional.get(); output.append("Condition(").append(node).append(" ").append("+"); }</pre> <p>in toString as you cannot use getCondition like the way you used.</p> | | | | | |

Total

84 / 100

Overall Score

Level 4

Level 3



Level 2

Level 1