CSIS435

Team 4 revision

Professor Hanku Lee

Assignment 3


**Warning fix:**

As for the warning of "unchecked or unsafe operations", it was because I did not specify the type to be stored in the vectors.

To fix this, I did :

```java
public class BlockNode extends Node {

    public Vector<DeclarationNode> decls = new Vector<DeclarationNode>();
    public Vector<StatementNode> stmts = new Vector<StatementNode>();
```

Before I just had public Vector<DeclarationNode> decls = new Vector()

By explicitly telling the type of object being stored in the vector I got rid of the "unchecked or unsafe operation"


**Bug fix:**

As for the bug fix, I forgot to check that the operand would be an int. It was an easy fix, I checked if the lookahead was int or a ID and matched likewise.

The code added were the ones highlighted below:

```java
public void visit(AssignmentNode a){
    a.left = new LiteralNode();
    x = new LiteralNode(lookAhead.toString());
    match(Tag.ID);
    a.left.store(x.literal);
    Token t = new Token('=');
    match(t.tag);

    x = new LiteralNode(lookAhead.toString());
    if(isNumeric(lookAhead.toString())){
        match(Tag.NUM);
    }
    else match(Tag.ID);
```