Sep 14 10:12 2018 Add1Prim.ijava Page 1

Add1Prim
%%%
```
    public String toString() {
        return "add1";
    }
```
%%%

Sep 14 10:13 2018 AddPrim.ijava Page 1

AddPrim
%%%
```
    public String toString() {
        return "+";
    }
```
%%%

Sep 14 10:13 2018 LitExp.ijava Page 1

LitExp
%%%
```
    public String toString() {
        return lit.toString();
    }
```
%%%

Jan 31 10:23 2020 Operands.ijava Page 1

Operands:**import**
%%%
```
import java.util.stream.Collectors;
```
%%%

Operands
%%%
```
    public String toString() {
        return expList.stream()
                      .map( Exp::toString )
                      .collect( Collectors.joining( "," ) );
    }
```
%%%

Jan 31 10:19 2020 PrimAppExp.ijava Page 1

PrimAppExp
%%%
```java
    public String toString() {
        return prim + "(" + operands + ")";
    }

    /**
     * Alternative format that puts the operator in between
     * the operands
     */
    public String toStringAlternate() {
        int primLen = prim.toString().length();
        String result = "(";
        for ( Exp e: operands.expList ) {
            result += " " + e + ' ' + prim;
        }
        return result.substring( 0, result.length() - primLen ) + ')';
    }
```
%%%

Sep 14 10:24 2018 Program.ijava Page 1

Program
%%%
```java
    public String toString() {
        return exp.toString();
    }
```
%%%

Sep 14 10:25 2018 Sub1Prim.ijava Page 1

Sub1Prim
%%%
```java
    public String toString() {
        return "sub1";
    }
```
%%%

Sep 14 10:25 2018 SubPrim.ijava Page 1

SubPrim
%%%
```java
    public String toString() {
        return "-";
    }
```
%%%

Sep 14 10:25 2018 VarExp.ijava Page 1

VarExp
%%%
```java
    public String toString() {
        return var.toString();
    }
```
%%%