

ASTLet.java

```
1 package AST;
2
3 import java.util.List;
4
5
6
7
8 public class ASTLet implements ASTNode {
9
10     private List<String> name;
11     private List<ASTNode> expr_init;
12     private ASTNode expr_body;
13
14     public ASTLet(List<String> name, List<ASTNode> expr_init, ASTNode expr_body) {
15         this.name = name;
16         this.expr_init = expr_init;
17         this.expr_body = expr_body;
18     }
19
20     @Override
21     public IValue eval(Environment e) {
22         Environment _e = e.beginScope();
23         for(int i = 0; i < name.size(); i++) {
24             IValue v1 = expr_init.get(i).eval(e);
25             _e.assoc(name.get(i), v1);
26         }
27         IValue v2 = expr_body.eval(_e);
28         _e.endScope();
29         return v2;
30     }
31
32 }
33
```