```java
1 package AST;
2
3 import iValue.IValue;
6
7 public class ASTDiv implements ASTNode {
8
9     private ASTNode f1;
10     private ASTNode f2;
11
12     public ASTDiv(ASTNode f1, ASTNode f2) {
13         this.f1 = f1;
14         this.f2 = f2;
15     }
16
17     @Override
18     public IValue eval(Environment e) {
19         IValue left = f1.eval(e);
20         if(left instanceof VInt) {
21             IValue right = f2.eval(e);
22             if(right instanceof VInt) {
23                 return new VInt(((VInt)left).getVal() / ((VInt)right).getVal());
24             }
25         }
26         throw new Error("Illegal types to division");
27     }
28
29 }
30
```