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package hw04;

import java.util.Scanner;

/**
 * @author said
 * @version 1.0
 * @created 31-Mar-2014 10:09:39 PM
 */
public class Input extends Operand implements Executable {

    private Variable var;

    public Input(){

    }

    public Input(Variable newVar){
        var = newVar;
    }

    @Override
    public double execute(){
        Scanner sc=new Scanner(System.in);
        System.out.print("Enter the value for variable " + var.getVarName() +
":");

        double input = sc.nextDouble();
        var.setValue(input);
        return var.returnValue();
    }

    @Override
    public double returnValue(){
        return execute();
    }

    @Override
    public void setValue(Operand val) throws
GITCompiler.UndefinedVariableException {
        if(val instanceof Variable){
            this.var = (Variable)val;
        }
    }
}

```