

```

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 */

package hw04;

/**
 *
 * @author said
 */
class Exp extends MathFunc {

    public Exp(MyDouble val) {
        super(val);
    }

    public Exp(){
        super(null);
    }

    @Override
    public void setValue(Operand val) throws
GITCompiler.UndefinedVariableException, GITCompiler.UnknownOperatorException {
        if((val instanceof MyDouble)){
            this.value = (MyDouble)val;
        }else if((val instanceof Variable)){
            this.value = new MyDouble(val.returnValue());
        }else{
            throw new GITCompiler.UnknownOperatorException("Undifined
variable");
        }
    }

    @Override
    public double execute() {
        return Math.exp(value.returnValue());
    }
}

```