

```
// com/github/sahasatvik/math/VariableNotFoundException.java

package com.github.sahasatvik.math;

/**
 * Exception thrown when an unrecognized variable is passed to ExpressionParser.
 *
 * @author Satvik Saha
 * @version 1.0, 16/10/2016
 * @see com.github.sahasatvik.math.ExpressionParserException
 * @since 1.0
 */

public class VariableNotFoundException extends ExpressionParserException {
    private String var;

    /**
     * Constructor of VariableNotFoundException. This constructor accepts the
     * invalid expression as well as the unrecognized variable.
     *
     * @param faultyExpression the expression which could not be parsed
     * @param var the unrecognized variable
     * @since 1.0
     */

    public VariableNotFoundException (String faultyExpression, String var) {
        super(faultyExpression);
        this.var = var;
    }

    /**
     * Constructor of VariableNotFoundException. This Constructor accepts only
     * the unrecognized variable.
     *
     * @param var the unrecognized variable
     * @since 1.0
     */

    public VariableNotFoundException (String var) {
        this("", var);
    }

    /**
     * Gets the unrecognized variable.
     */
}
```

the unrecognized variable

```
*      @return
*      @since 1.0
*/
public String getVar () {
    return var;
}
}
```