

```
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 */

/**
 * Solves a polynomial expression by using Horner's Rule.
 *
 * @author Leo Balk
 * @version 0.1 2009-06-06
 */
public class HornersRuleSolver {

    /**
     * Create an object of the solver class.
     */
    public HornersRuleSolver() {
        System.out.println("HornersRuleSolver created.");
    }

    /**
     * Solve and time the solution of a specific problem.
     *
     * @param coefficients: an array of coefficients for the polynomial
     * @return the dependent variable
     */
    public double solve(double coefficients[]) {

        System.out.println("Begin Time = ");
        System.out.println("Pretending to solve coefficients");
        System.out.println("Pretending to check loop invariant");
        System.out.println("End Time = ");

        return 1.2;
    }
}
```