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{log} reads 'setlog'. It's a tool based on constraint logic programming whose first-class citizens are sets and binary relations and their operators. It can be used as both a programming language and a satisfiability solver. As a satisfiability solver it can be used as an automated theorem prover. In this way, {log} code behaves as both a program and a formula. That is, the same piece of code has properties of a program but also of a formula. Seen as the former, users can execute it; seen as the latter, users can prove properties true of it. In other words, {log} users can prove that their programs verify some properties by using the programs also as their own specifications. All with the same program text, within the same tool and within set theory. We call it the program-formula duality.