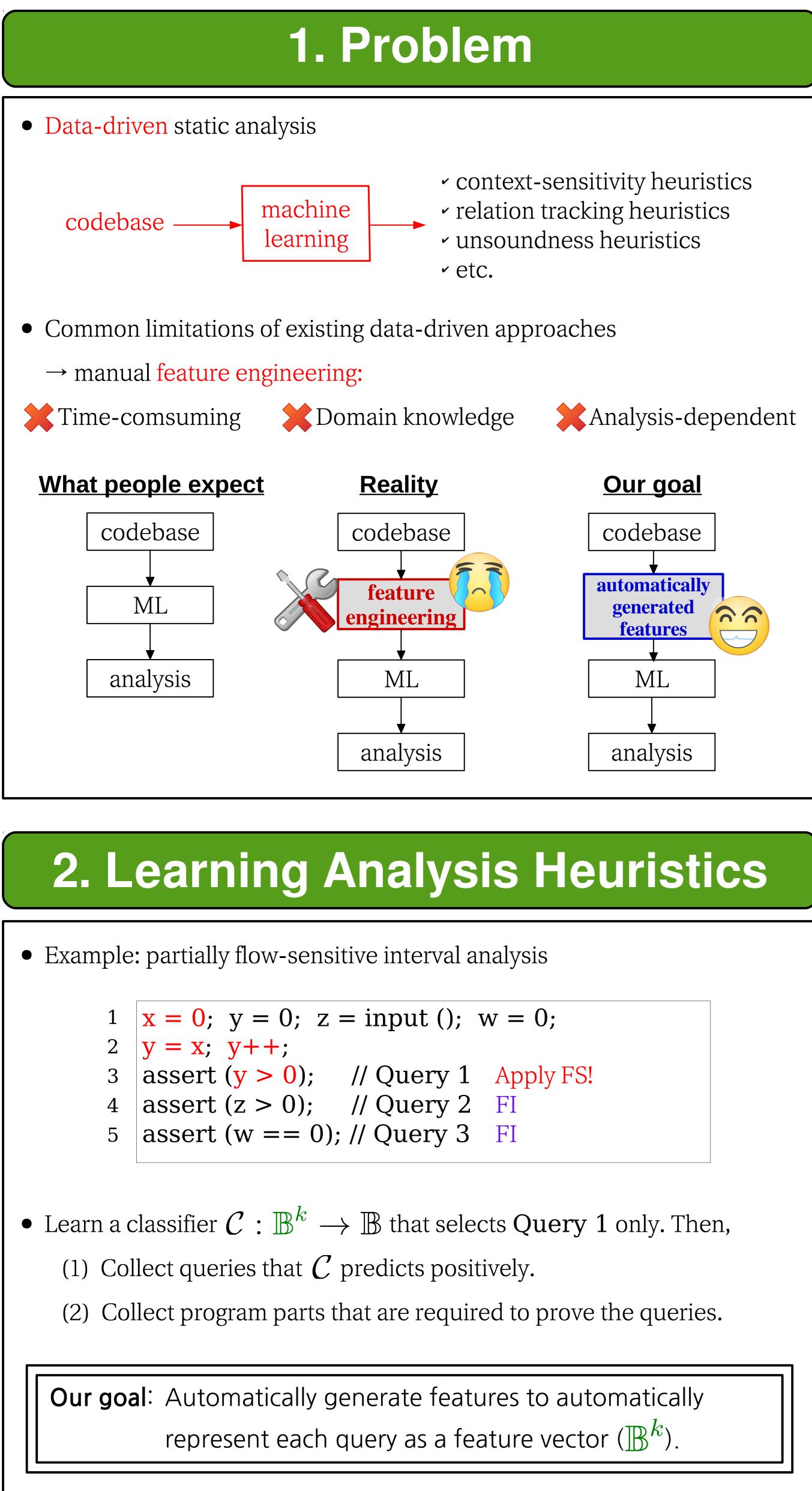
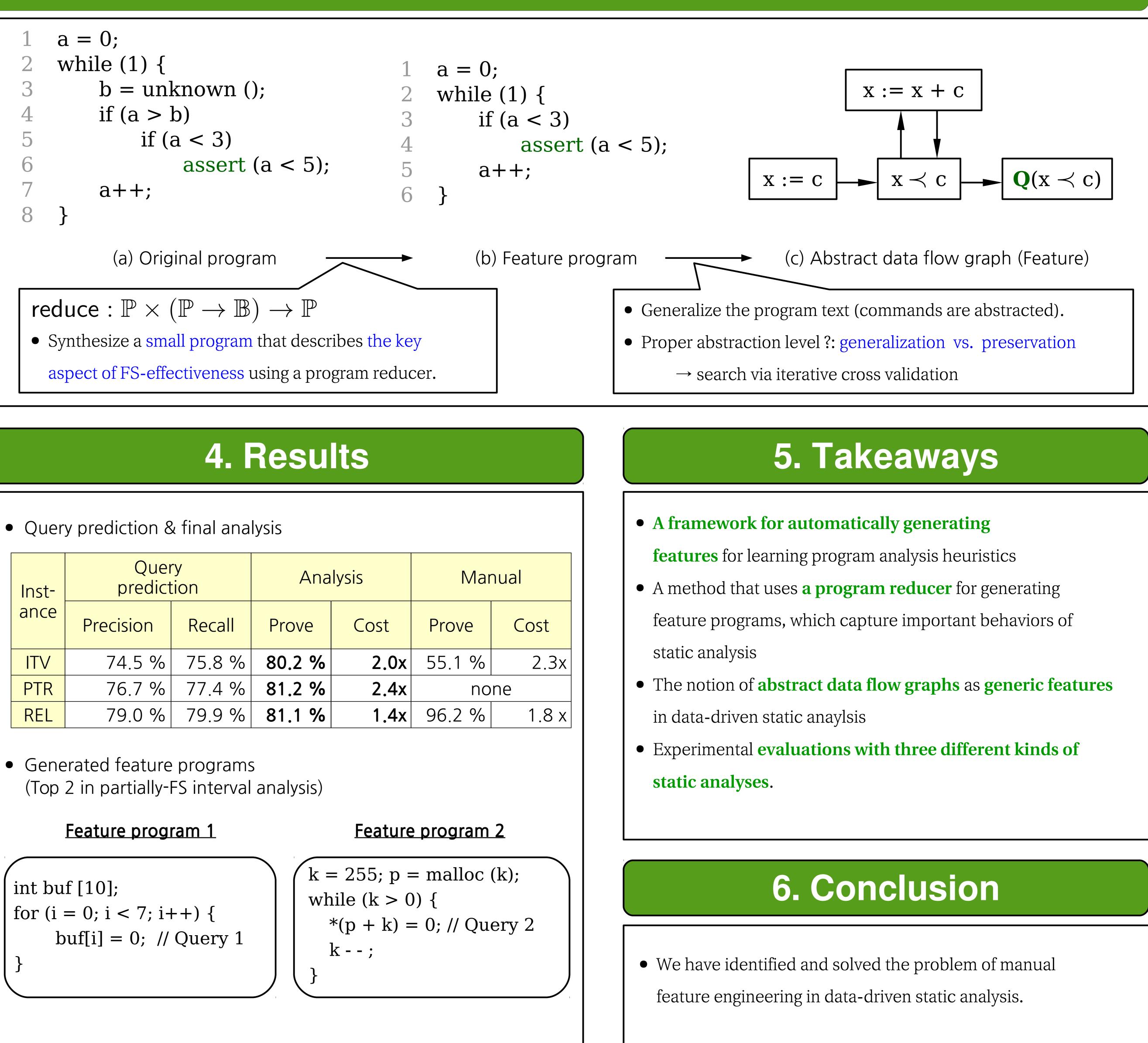


# **Automatically Generating Features for Learning Program Analysis Heuristics for C-like Languages**

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1	x = 0; y = 0; z = input(); w = 0;
2	y = x; y + +;
3	assert $(y > 0)$ ; // Query 1 Apply FS!
	assert ( $z > 0$ ); // Query 2 FI
5	assert (w == 0); // Query 3 $FI$



Inst-	Quei predict	•	An
ance	Precision	Recall	Prove
ITV	74.5 %	75.8 %	80.2 %
PTR	76.7 %	77.4 %	81.2 %
REL	79.0 %	79.9 %	81.1 %

## **3. Automatic Feature Generation**



