

Abstraction Predicates (3):

$p0 \triangleq \text{Status} = \text{off}$

$p1 \triangleq \text{Status} = \text{on}$

$p2 \triangleq \text{or}(\text{and}(\text{Status} = \text{on}, \text{AskChange} = 0, \text{AskCoffee} = 0, \text{Balance} = 0), \text{Status} = \text{error})$