

 \land output = <<1>>

 $\land input2Set = \{1, 6, 7, 8, 9\}$ $\land input1Set = \{1, 2, 3, 4, 5, 6\}$ $\land i = 6$ $\land j = 1$ $\land pc = "Lbl_3"$ $\land output = <<1>>$

 $\land input2Set = \{1, 6, 7, 8, 9\}$

 $\land \text{ input1Set} = \{1, 2, 3, 4, 5, 6\}$ $\land \text{ i} = 7$

 \wedge output = $\langle \bar{1}, 6 \rangle$

 $\land input2Set = \{1, 6, 7, 8, 9\}$ $\land input1Set = \{1, 2, 3, 4, 5, 6\}$ $\land i = 7$ $\land j = 1$ $\land pc = "Done"$ $\land output = <<1, 6>>$