The output of the RTL Simulation is :

[1073809408, 9, 4096, 90, 20, 12, 12, 536878360, 0, 12, 536871168, 0, 536878360]

There are 1 possible models for this case:

* Model Number 1 :

The outcomes of this injection are identical to the initial values of the registers.

The output of the RTL Simulation is :

[1073809408, 15, 134217728, 100, 31, 112, 12, 536878360, 20, 12, 536871168, 0, 536878360]

There are 2 possible models for this case:

* Model Number 1 :

Model Name : Skip Model.
   Number of skipped instructions = 1
   Index of first instruction skipped = 6

* Model Number 2 :

Model Name : Skip and Repeat.
   Number of instructions skipped: 1
   Index of first instruction skipped : 6
   Number of instruction repeated : 1
   Index of first instruction repeated : 1