```
restart

add_force a 000001001
add_force b 000000110
add_force cin 0
run 10 ns

add_force a 111111110
add_force b 000000001
add_force cin 1
run 10 ns

add_force a 110100011
add_force b 100101100
add_force cin 0
run 10 ns

add_force a 000011001
add_force b 000000100
add_force cin 0
run 10 ns
```