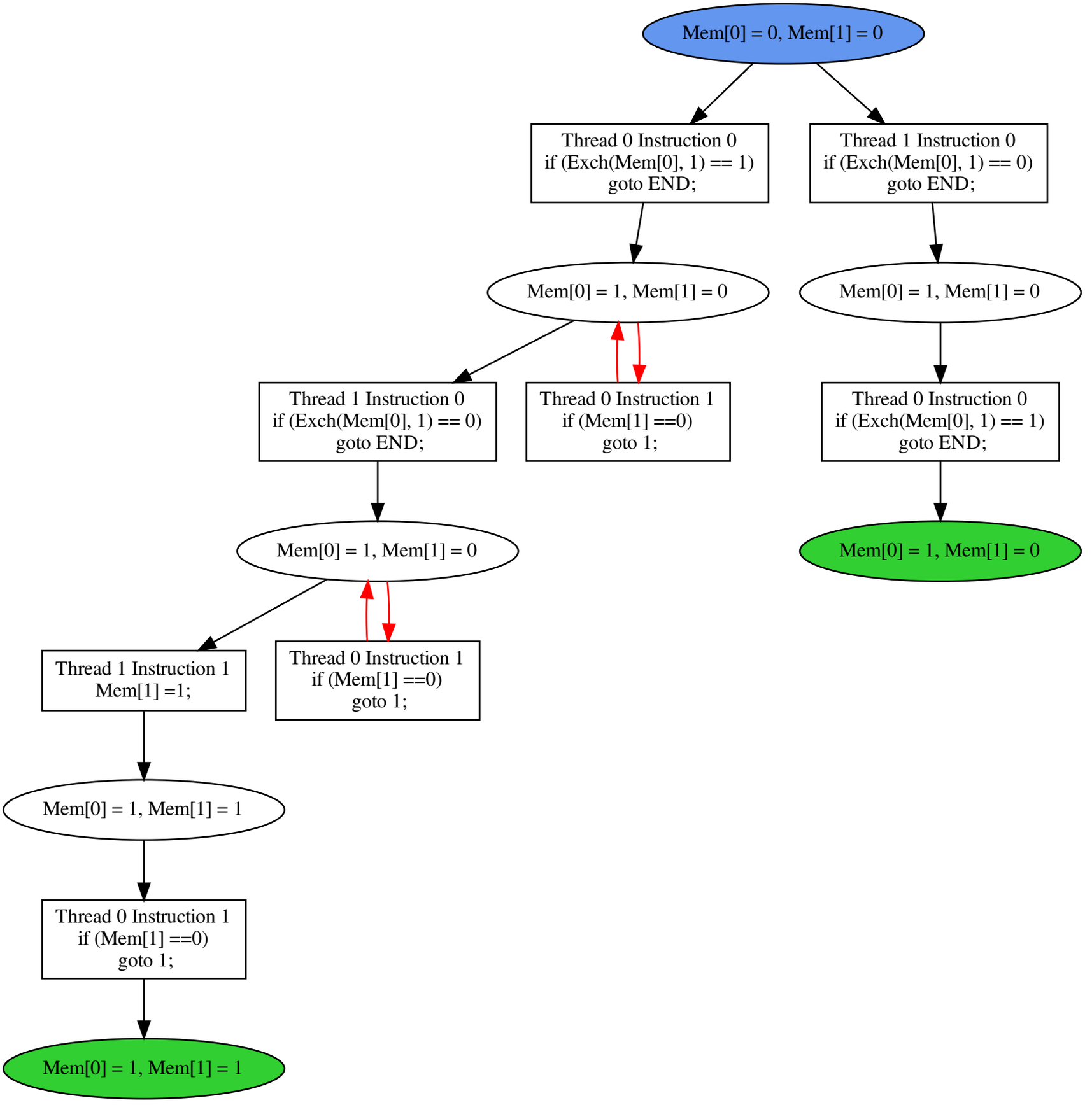
Mem[0] = 0, Mem[1] = 0
Thread 0 Instruction 0
if (Exch(Mem[0], 1) == 1)
goto END;
Thread 1 Instruction 0
if (Exch(Mem[0], 1) == 0)
goto END;
Mem[0] = 1, Mem[1] = 0
Mem[0] = 1, Mem[1] = 0
Thread 1 Instruction 0
if (Exch(Mem[0], 1) == 0)
goto END;
Thread 0 Instruction 1
if (Mem[1] ==0)
goto 1;
Thread 0 Instruction 0
if (Exch(Mem[0], 1) == 1)
goto END;
Mem[0] = 1, Mem[1] = 0
Mem[0] = 1, Mem[1] = 0
Thread 1 Instruction 1
Mem[1] =1;
Thread 0 Instruction 1
if (Mem[1] ==0)
goto 1;
Mem[0] = 1, Mem[1] = 1
Thread 0 Instruction 1
if (Mem[1] ==0)
goto 1;
Mem[0] = 1, Mem[1] = 1