

$x^0=0; y^0=0;$

T1

1 $y^1=3;$
2 $x^2=1;$
3 $y^3=5;$

T2

4 if ($R^4_y \geq 3$)
5 print $1/R^5_x;$
6 else
7 print $2/R^7_x;$

Race

$O_2=O_5$

Path Condition

$R^4_y \geq 3$

Program Order

$O_1 < O_2 < O_3 \wedge$
 $O_4 < O_5 \wedge O_4 < O_7$

Variable Definition

$y^1=3 \wedge x^2=1 \wedge y^3=5$

Inter-thread Constraints

$(R^4_y = y^0 \wedge O_4 < O_1) \vee (R^4_y = y^1 \wedge O_1 < O_4 < O_3)$
 $\vee (R^4_y = y^3 \wedge O_3 < O_4)$