

Start

$a = 1, b = 1$
 $hypo = \emptyset$
 $primeoddsum[15] = \{\emptyset\}$
 $nonprimeOrevensum[15] = \{\emptyset\}$
 $primeIndex = \emptyset$
 $nonprimeIndex = \emptyset$

$i \leftarrow 1$	1
do	

4

$j \leftarrow 1$	1
do	

3

Stop

have $(i * i) + (- * -)$

4

$hypo_core = (1 + k / (y + 1))$

$k = 1$

$k * k < hypo_core$

$k--$

$k++$

$k * k = hypo_core$

$hypo = k$

$end = 1$

3

T

$k \leq 50$

2

$l \leftarrow 1$

1

1

k

2

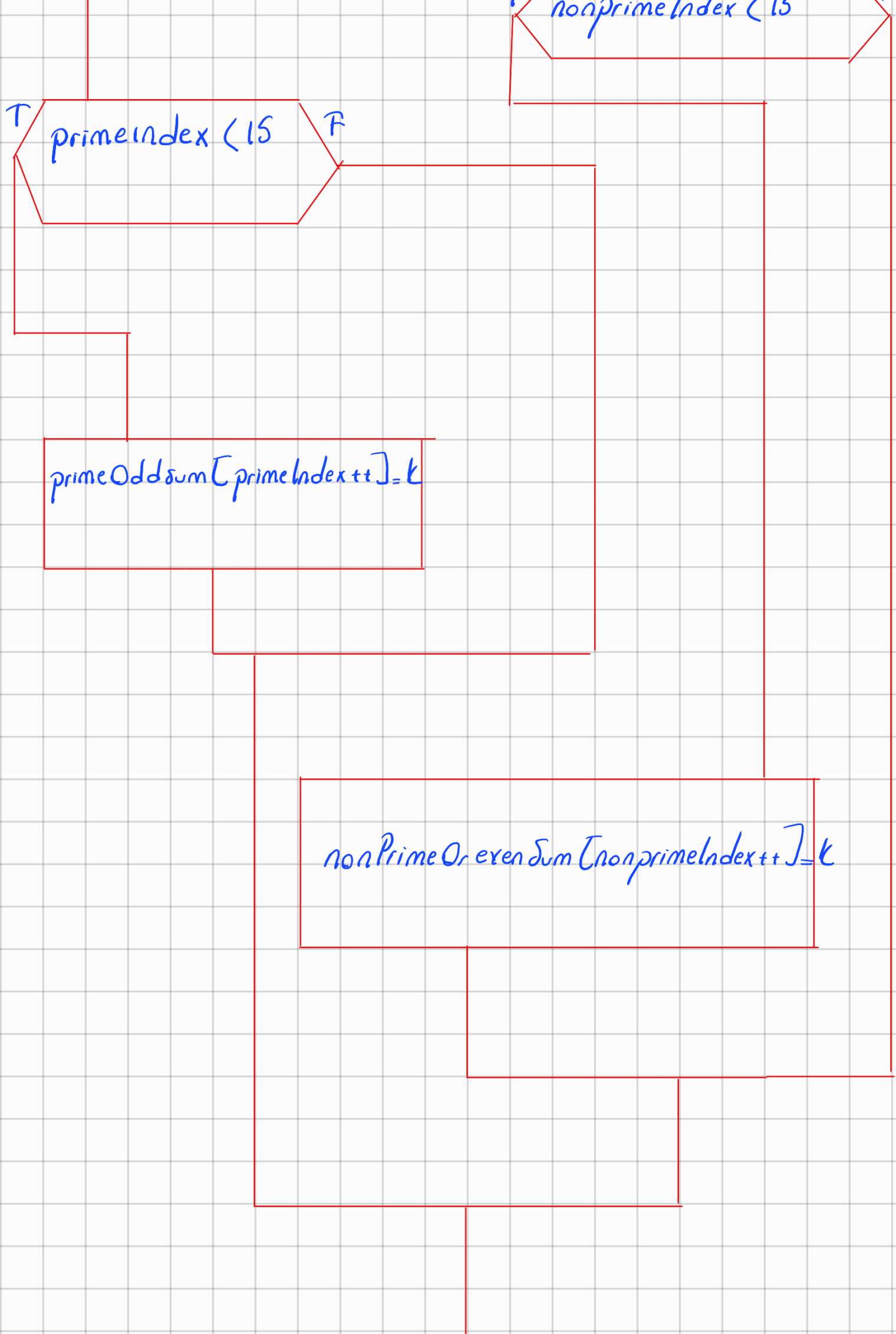
T

$((k \% l \neq 0) \text{ and } ((a+b) \% 2 \neq 0))$

F

T

F



nonprimeIndex < 15

T primeIndex < 15 F

primeOddSum[primeIndex++] = k

nonPrimeOr evenSum[nonprimeIndex++] = k

