

CFG with Results for xor

1

x, y, z {(TFT)(TFT), (FTF)(FTT), (FTT)(FTT), (TFF)(TFT) variety: y=2 x=2 count: 2}
{(FFT)(FFF), (TTT)(TTF), (FFF)(FFF), (TTF)(TTF) variety: y=2 x=2 count: 2}

2

x, y, z {(TFT)(TFT), (FTF)(FTT), (FTT)(FTT), (TFF)(TFT) variety: y=2 x=2 count: 2}
{(FFT)(FFF), (TTT)(TTF), (FFF)(FFF), (TTF)(TTF) variety: y=2 x=2 count: 2}

x = input()

x, y, z {(TFT)(TFT), (FTF)(FTT), (FTT)(FTT), (TFF)(TFT) variety: y=2 count: 2}
{(FFT)(FFF), (TTT)(TTF), (FFF)(FFF), (TTF)(TTF) variety: y=2 count: 2}

y = input()

x, y, z {(TFT)(TFT), (FTF)(FTT), (FTT)(FTT), (TFF)(TFT)}
{(FFT)(FFF), (TTT)(TTF), (FFF)(FFF), (TTF)(TTF)}

IF_IN: x

IF_IN: not(x)

3

x, y, z {(FFF)(FFT), (TFT)(TFT), (FFT)(FFT), (TFF)(TFT)}
{(FTF)(FTF), (TTT)(TTF), (FTT)(FTF), (TTF)(TTF)}

z = not(y)

x, y, z {(TFF), (TTF), (FTF), (FFF)}
{(TFT), (FTT), (TTT), (FFT)}

4

x, y, z {(FFT)(FFF), (TFT)(TFF), (TFF)(TFF), (FFF)(FFF)}
{(TTT)(TTT), (FTF)(FTT), (FTT)(FTT), (TTF)(TTT)}

z = y

x, y, z {(TFF), (TTF), (FTF), (FFF)}
{(TFT), (FTT), (TTT), (FFT)}

IF_OUT

IF_OUT

5

x, y, z {(FTF), (TFF), (TTF), (FFF)}
{(TFT), (FTT), (TTT), (FFT)}

print(z)

x, y, z {(TFF), (TFT), (TTT), (FFT), (FTT), (TTF), (FTF), (FFF)}
{}

6

x, y, z {(TFF), (TFT), (TTT), (FFT), (FTT), (TTF), (FTF), (FFF)}
{}