5321 Homework 2.4b
Summer 2019

1) UC MCDC solutions for each expression.

    a. ab' + c

        COI a: XFF
        COI b: TXF
        COI c: TTX, FFX, FTX
        Base Set: - TFF, FFF, TTF
        UC1 = TFF, FFF, TTF, FFT
        UC2 = TFF, FFF, TTF, TTT

    b. a' + b + c

        COI a: XFF
        COI b: TXF
        COI c: TFX
        Base Set: - TTF, TFF, TFT, FFF

    c. a + bc + d'

        COI a: XFFT, XFTT, XTFT
        COI b: FXTT
        COI c: FTXT
        COI d: FFFX, FTFX, FFTX
        Base Set: - FTTT, FFTT, FTFT
        UC1 = FTTT, FFTT, FTFT, TFTT, FTFF
        UC2 = FTTT, FFTT, FTFT, TFTT, FFTF
        UC3 = FTTT, FFTT, FTFT, TTFT, FTFF
        UC4 = FTTT, FFTT, FTFT, TTFT, FFTF