# **Puzzle #1**

**while** [**led1**, **led2**, **led3**, **led4**] is NOT [BLUE, YELLOW, GREEN, PURPLE]**:**

**while BCenter** is not pressed**:**

**if** S1 is up:

**led8**.red = ON

**else**:

**led8**.red = OFF

**if** S2 is up:

**led8**.green = ON

**else**:

**led8**.green = OFF

**if** S3 is up:

**led8**.blue = ON

**else**:

**led8**.blue = OFF

**led4** = **led2**

**led2** = **led3**

**led3** = **led1**

**led0 = led8**

**while BCenter** is pressed**:**

do nothing

Play beep sound

Print “You win” on **LCD screen**