ADC10INCH_0 is for Channel A0 Which signal is connected to the A0 pin?
ADC10INCH_1 is for Channel A1 Which signal is connected to the A1 pin?
ADC10INCH_3 is for Channel A3 Which signal is connected to the A3 pin?

```
 case 12:
// Need this to change the ADC10INCH_x value.
   ADC10CTL0 &= ~_____; // Turn off the ENC bit of the ADC10CTL0
   switch (variable of the current active channel and increment each time through case statement){
     case 0x00:
       ADC10MCTL0 = ADC10INCH_1;        // Next channel A1
       (Channel A0 variable) = ADC10MEM0; // Current Channel result for A0
       break;
   case 0x01:
       ADC10MCTL0 = ADC10INCH_3;        // Next channel A3
       (Channel A1 variable) = ADC10MEM0; // Current Channel result for A1
      break;
   case 0x02:
       ADC10MCTL0 = ADC10INCH_0;        // Next channel A0
       (Channel A3 variable) = ADC10MEM0; // Current Channel result for A3
       Channel count value needs to be set back to 0;
       break;
   default:
        break;
}
ADC10CTL0 |= _______;                  // Turn on the ENC bit of the ADC10CTL0
ADC10CTL0 |= _______;                  // Start next sample.
break;
```