

## Control Systems

### Skills Demonstration – Task 02 – 2015

#### Task

Create a circuit and controlling program which:

Controls 3 LEDs, (red, yellow/orange, green/blue) and switches only one on based on temperature. Two temperature values will be allocated, one high, one low.

At or above the high temperature, the red LED should be on; at or below the low temperature the green LED should be on; between the high and low temperatures, the yellow LED should be on.

#### Requires (list components)

#### Code (or reference)

## Circuit



## Notes

Senior  
College  
Clonmel