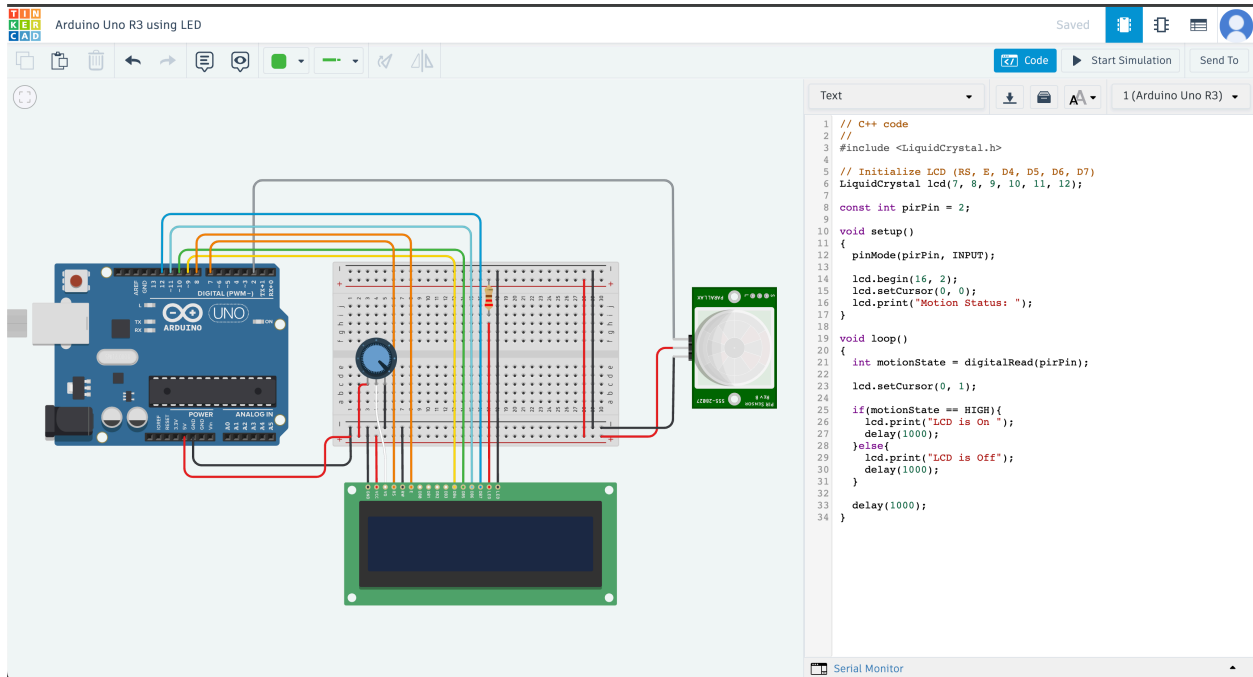# Arduino Uno R3 using LED

Image:



Code:

```cpp
// C++ code
//
#include <LiquidCrystal.h>

// Initialize LCD (RS, E, D4, D5, D6, D7)
LiquidCrystal lcd(7, 8, 9, 10, 11, 12);

const int pirPin = 2;

void setup()
{
  pinMode(pirPin, INPUT);

  lcd.begin(16, 2);
  lcd.setCursor(0, 0);
  lcd.print("Motion Status: ");
}

void loop()
{
  int motionState = digitalRead(pirPin);

  lcd.setCursor(0, 1);
```

```
  if(motionState == HIGH){
         lcd.print("LCD is On ");
    delay(1000);
  }else{
         lcd.print("LCD is Off");
    delay(1000);
  }

  delay(1000);
}
```