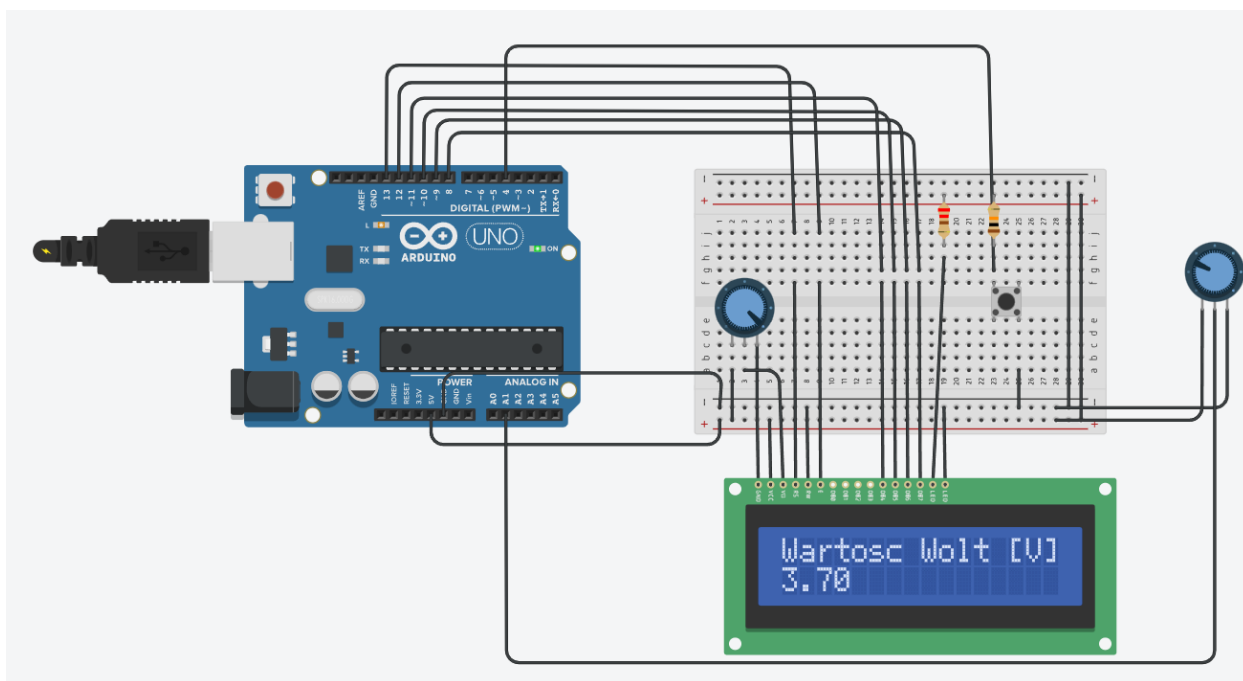
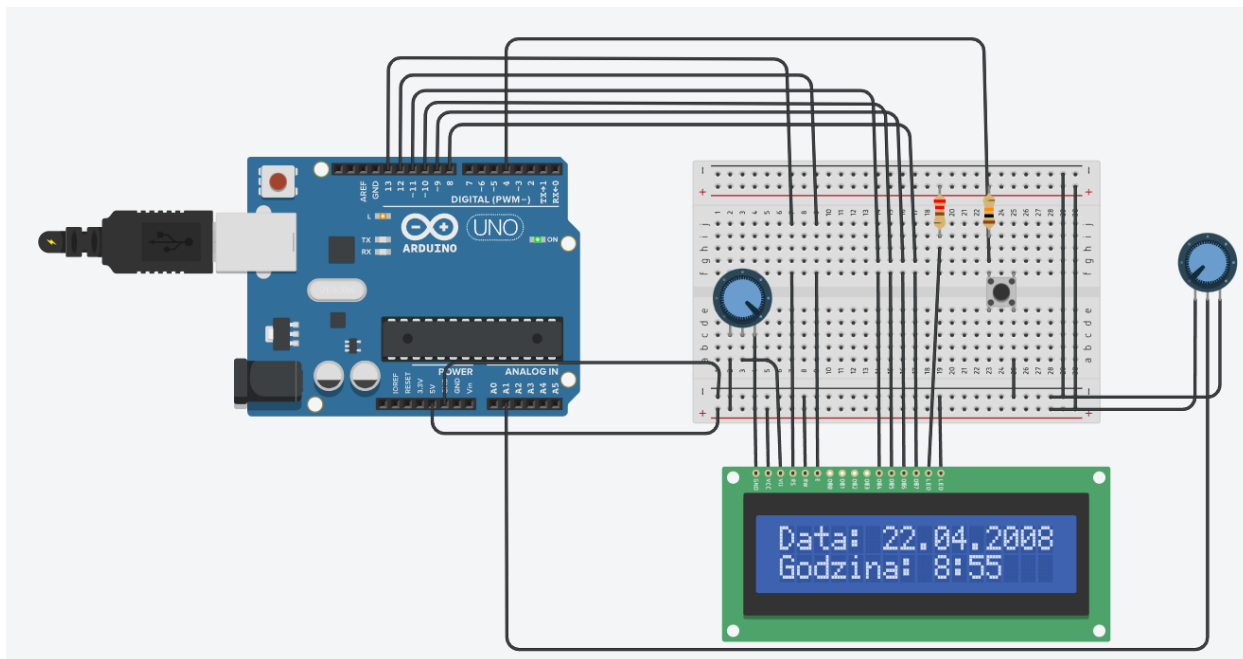


Staśkiewicz Krystian	16.04.2022	2 zajęcia labolatoryjne
Sprawozdanie zegar z datą		

1) Zdjęcia układu:



2) Kod układu:

```
#include <LiquidCrystal.h>
```

```
LiquidCrystal lcd( 13, 12, 11, 10, 9, 8 );
```

```
float pot = 0;
```

```
void setup()
```

```
{
```

```
    pinMode( A1, INPUT );
```

```
    pinMode( 4, INPUT );
```

```
    lcd.begin( 16, 2 );
```

```
    Serial.begin( 9600 );
```

```
}
```

```
void loop()
```

```
{
```

```
    lcd.clear();
```

```
    if (digitalRead(4) == 1){
```

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

```
        lcd.print( "Data: 22.04.2008" );
```

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

```
        lcd.print( "Godzina: 8:55" );
```

```
        delay( 200 );}
```

```
else if (digitalRead(4) == 0)
{

    pot = analogRead(A1) / (1023.0 / 5.0);
    lcd.setCursor(0, 0);
    lcd.print( "Wartosc Wolt [V]:" );
    lcd.setCursor( 0, 1 );
    lcd.print( pot );
    delay( 100 );}

}
```