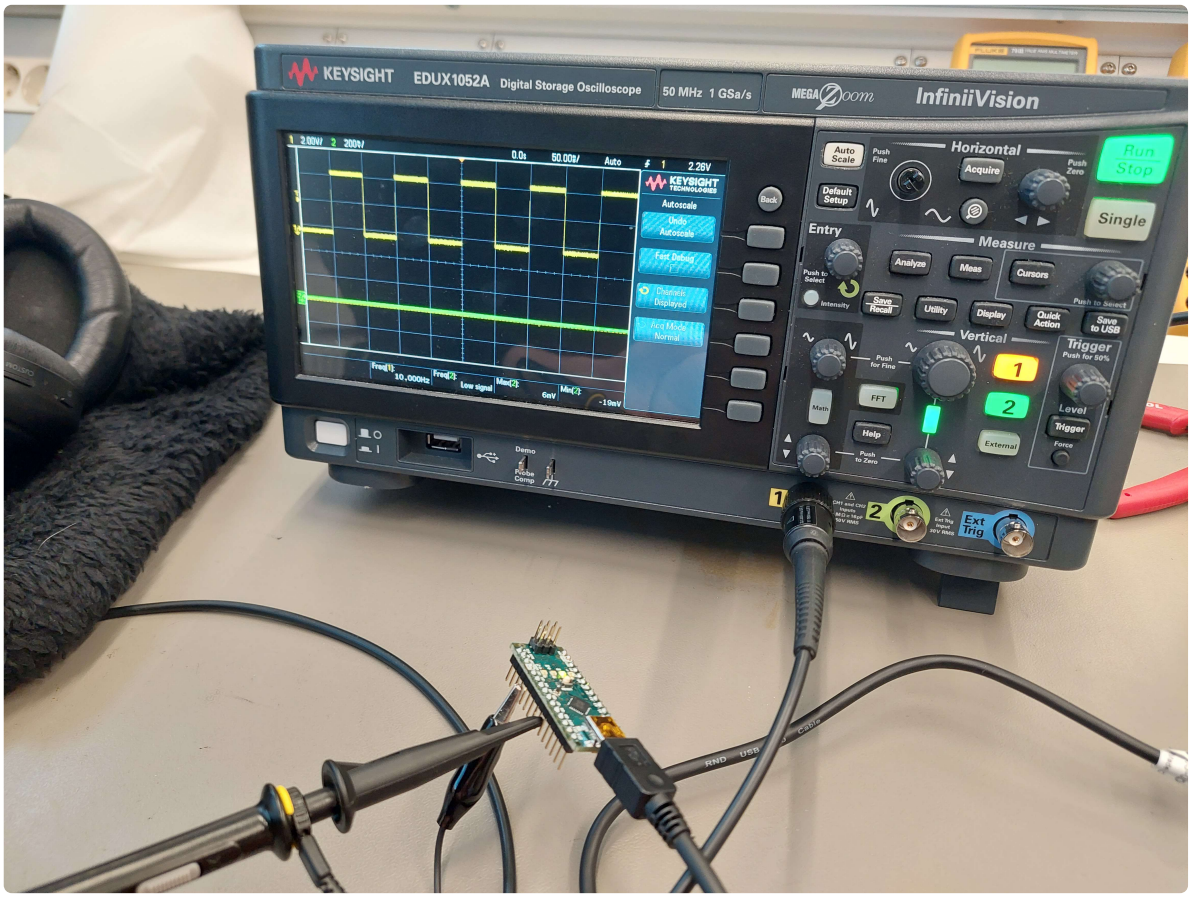
# Labra 41

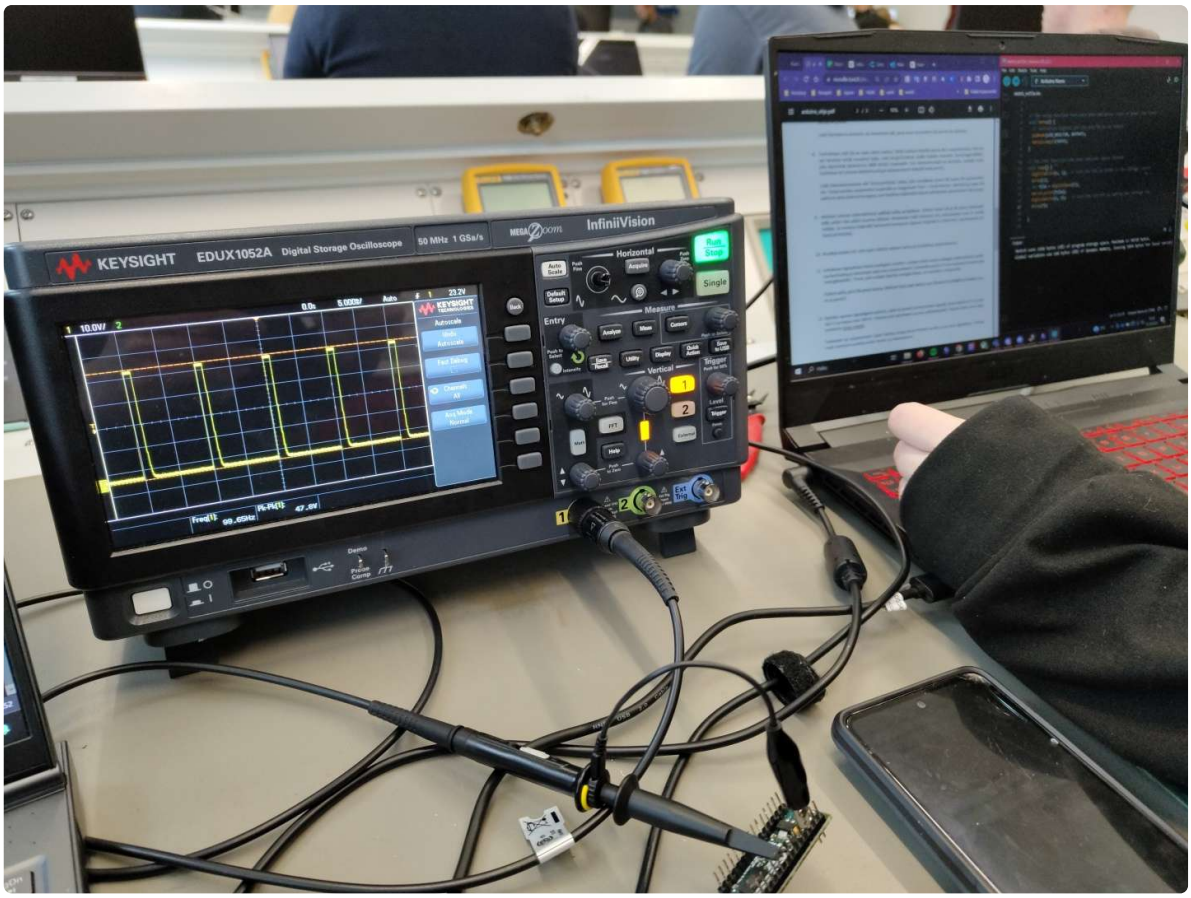
1. Kyseessä on saada taajuus 10 Hz, 1000 = 1 sekuntti, 1000/10 = 100 = 0.1 sekuntti ja tarvitaan puolia tästä arvosta eli `delay (50)
2. 

3. Ei muutoksia
4. Maksimi taajuus on 500 Hz, ja minimi taajuus on joku 0.015 Hz

sketch_oct12a.ino

```ino

// the setup function runs once when you press reset or power the board
void setup() {
  // initialize digital pin LED_BUILTIN as an output.
  pinMode(LED_BUILTIN, OUTPUT);
  Serial.begin(4800);
}

// the loop function runs over and over again forever
void loop() {
  digitalWrite(6, 1);  // turn the LED on (HIGH is the voltage level)
  delay(1);
  int tila = digitalRead(6);
  Serial.print(tila);
  digitalWrite(6, 0);   // turn the LED off by making the voltage LOW
  delay(9);

}

```

5.




6. Ei saa, koska digitaalipinnistä
7.
8.

9.
```
void setup (){
//initialize digital pin LED_BUILTIN as an output.
pinMode(LED_BUILTIN, OUTPUT);
Serial_begin(4800);
pinMode (6, OUTPUT);
pinMode (4, INPUT)

void loop (){
digitalwrite(6,1); // turn the LED on
delay (100);

digitalwrite (6,0); // turn the LED off
delay (100);

int tila = digitalRead (4);
serial.println(tila);
delay(10);
}
```

10.