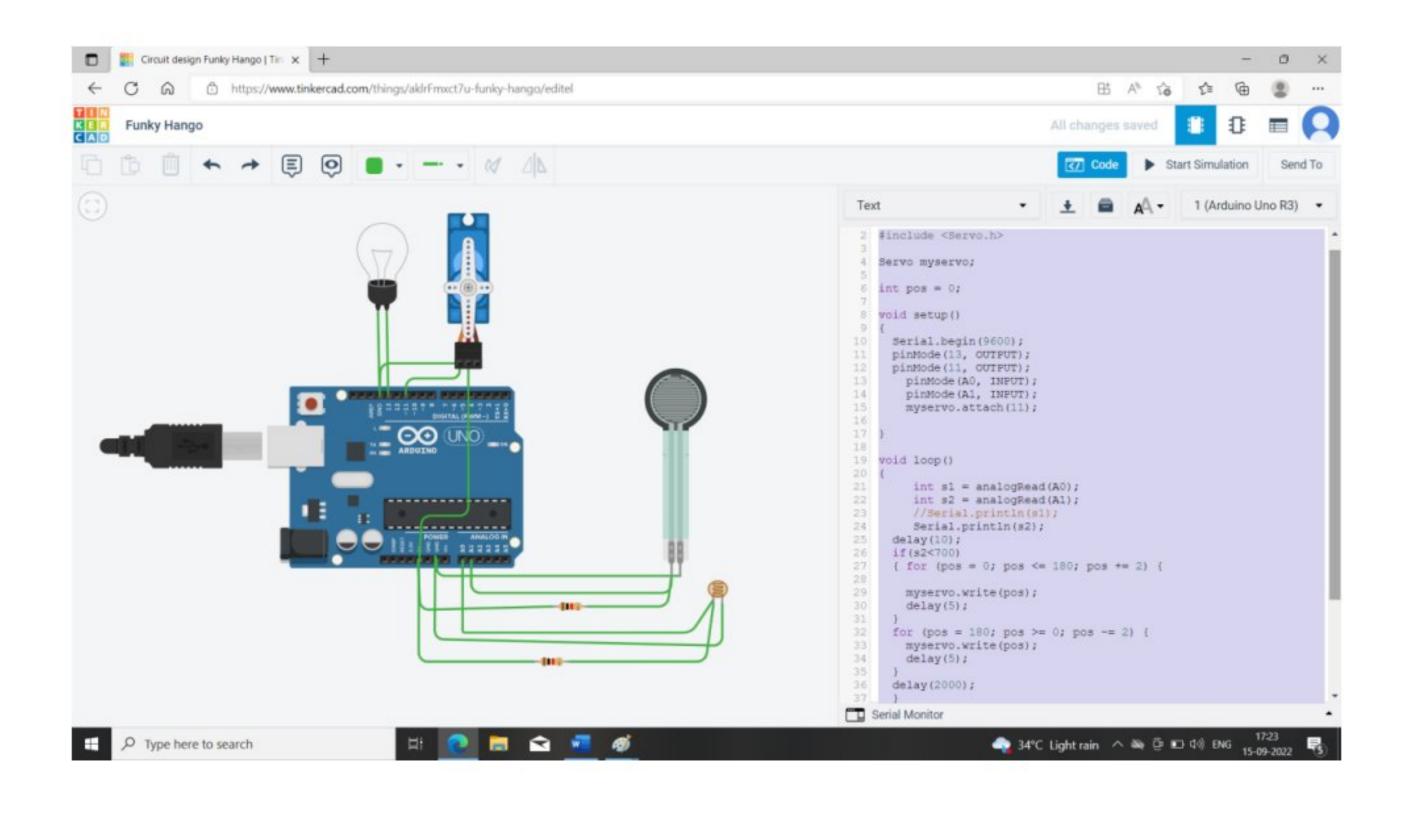
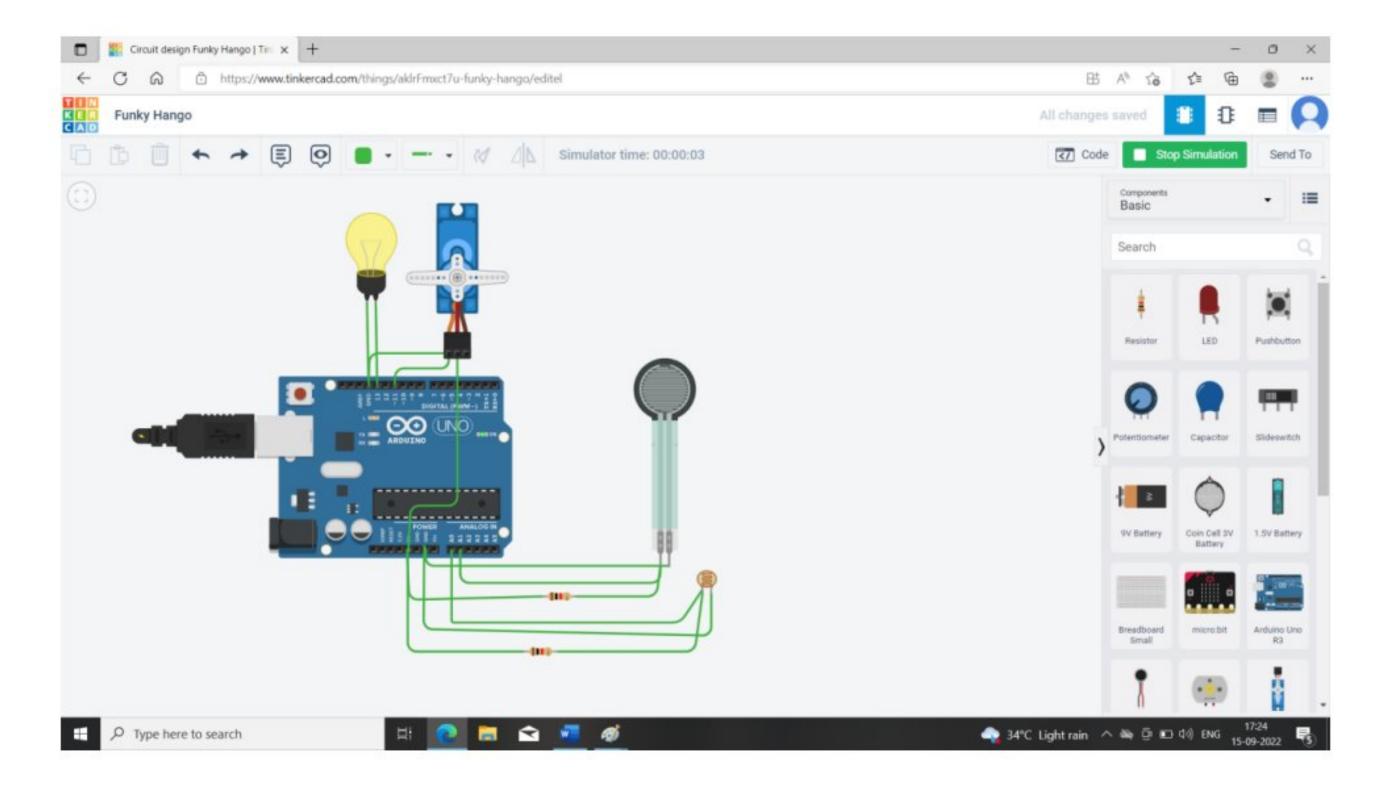
```
#include <Servo.h>
Servo myservo;
int pos = 0;
void setup()
 Serial.begin(9600);
 pinMode(13, OUTPUT);
 pinMode(11, OUTPUT);
  pinMode(A0, INPUT);
  pinMode(A1, INPUT);
  myservo.attach(11);
void loop()
  int s1 = analogRead(A0);
  int s2 = analogRead(A1);
  //Serial.println(s1);
  Serial.println(s2);
 delay(10);
 if(s2<700)
 \{ \text{ for (pos = 0; pos <= 180; pos += 2) } \}
  myservo.write(pos);
  delay(5);
 for (pos = 180; pos >= 0; pos -= 2) {
```

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```
myservo.write(pos);
  delay(5);
}
delay(2000);
}
if(s1>500)
{
  digitalWrite(13, HIGH);
}
if(s1<500)
  {
  digitalWrite(13, LOW);
}</pre>
```

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