

LAMPIRAN

Lampiran 1

```
#include <Servo.h>
#define SENSOR 9
#define SENSOR2 10
int pb1 = 0;
int pb2 = 0;
int pb3 = 0;
int pb4 = 0;
const int motor_dc = 8; // motor dc masuk ke pin 8
Servo servo1;
Servo servo2;
Servo servo3;
Servo servo4;
Servo servo5;
Servo servo6;
void setup() {
  pinMode(A0, INPUT); // niki di enggo pencetan pin 9
  pinMode(A1, INPUT);
  pinMode(A2, INPUT);
  pinMode(A3, INPUT);
  pinMode(motor_dc, OUTPUT);
  digitalWrite(motor_dc, HIGH);
  pinMode(BUZZER, OUTPUT);
  pinMode(BUZZER, HIGH);
  delay(200);
}

void loop() {
```



```

int L = digitalRead(SENSOR);
if (L == 0) {
    digitalWrite(BUZZER, HIGH);
} else {
    digitalWrite(BUZZER, LOW);
}
delay(500);
{
    int L2 = digitalRead(SENSOR2);
    if (L2 == 0) {
        digitalWrite(BUZZER, HIGH);
    } else {
        digitalWrite(BUZZER, LOW);
    }
    delay(500);
}
{
    int L3 = digitalRead(SENSOR3);
    if (L3 == 0) {
        digitalWrite(BUZZER, HIGH);
    } else {
        digitalWrite(BUZZER, LOW);
    }
    delay(500);
}
{
    int L4 = digitalRead(SENSOR4);
    if (L4 == 0) {
        digitalWrite(BUZZER, HIGH);
    } else {
        digitalWrite(BUZZER, LOW);
    }
}

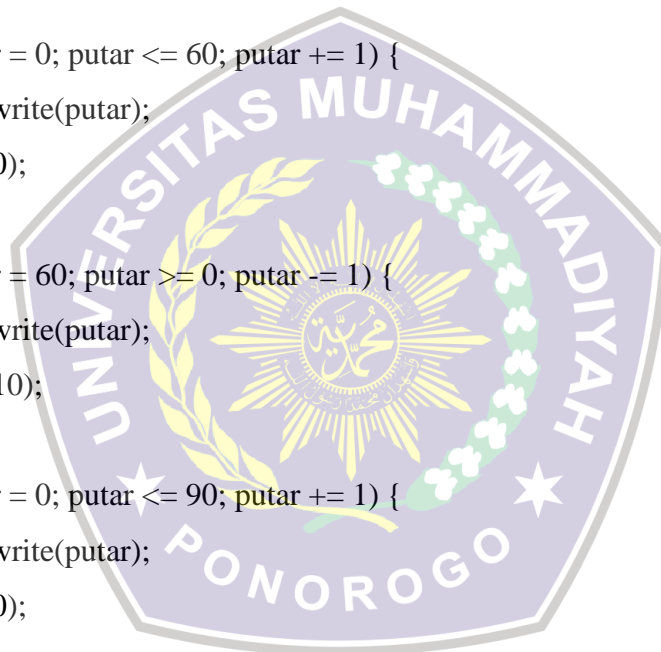
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}
delay(500);
}
//edited
{
servo1.attach(2); // kanggo pin servo mancep no 2
servo5.attach(6);
servo6.attach(7);
if (pb1 == LOW)
{
for (putar = 0; putar <= 60; putar += 1) {
servo1.write(putar);
delay(10);
}
for (putar = 60; putar >= 0; putar -= 1) {
servo1.write(putar);
delay(110);
}
for (putar = 0; putar <= 90; putar += 1) {
servo5.write(putar);
delay(10);
}
for (putar = 90; putar >= 0; putar -= 1) {
servo5.write(putar);
delay(90);
}
digitalWrite(motor_dc, LOW);
delay(10000);
digitalWrite(motor_dc, HIGH);
delay(10);
for (putar) {

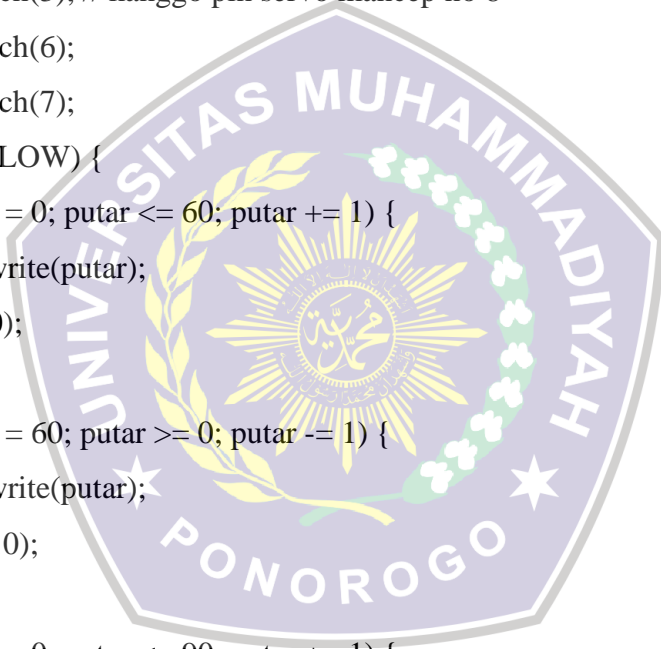
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servo6.write(putar);
delay(10);
}
for (putar = 90; putar >= 0; putar -= 1) {
servo6.write(putar);
delay(110);
}
servo1.detach();
}
servo2.attach(3); // kanggo pin servo mancep no 8
servo5.attach(6);
servo6.attach(7);
if (pb2 == LOW) {
for (putar = 0; putar <= 60; putar += 1) {
servo2.write(putar);
delay(10);
}
for (putar = 60; putar >= 0; putar -= 1) {
servo2.write(putar);
delay(110);
}
for (putar = 0; putar <= 90; putar += 1) {
servo5.write(putar);
delay(10);
}
for (putar = 90; putar >= 0; putar -= 1) {
servo5.write(putar);
delay(90);
}
digitalWrite(motor_dc, LOW);
delay(10000);

```



```

digitalWrite(motor_dc, HIGH);
delay(10);
for (putar = 0; putar <= 90; putar += 1) {
    servo6.write(putar);
    delay(10);
}
for (putar = 90; putar >= 0; putar -= 1) {
    servo6.write(putar);
    delay(110);
}
servo2.detach();

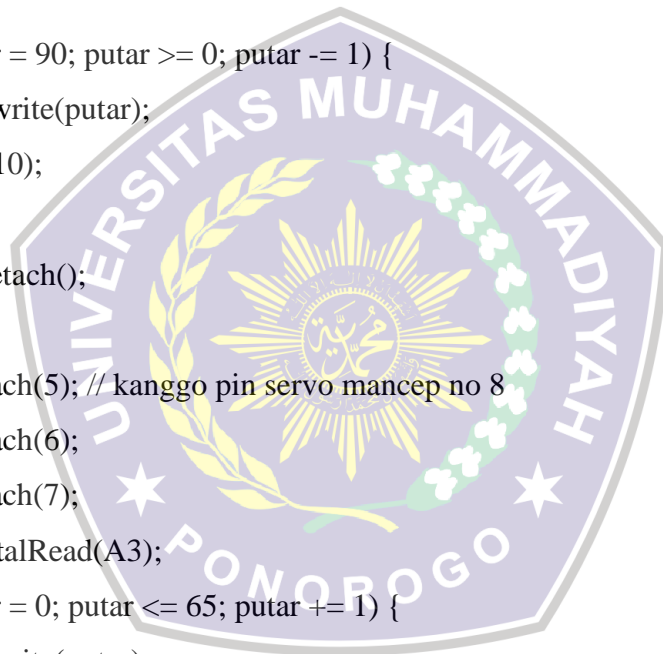
}
servo3.attach(4); // kanggo pin servo mancep no 8
servo5.attach(6);
servo6.attach(7);
if (pb3 == LOW) {
    for (putar = 0; putar <= 45; putar += 1) {
        servo3.write(putar);
        delay(10);
    }
    for (putar = 45; putar >= 0; putar -= 1) {
        servo3.write(putar);
        delay(110);
    }
    for (putar = 0; putar <= 90; putar += 1) {
        servo5.write(putar);
        delay(10);
    }
    for (putar = 90; putar >= 0; putar -= 1) {
        servo5.write(putar);

```

```

    delay(90);
}
digitalWrite(motor_dc, LOW);
delay(10000);
digitalWrite(motor_dc, HIGH);
delay(10);
for (putar = 0; putar <= 90; putar += 1) {
    servo6.write(putar);
    delay(10);
}
for (putar = 90; putar >= 0; putar -= 1) {
    servo6.write(putar);
    delay(110);
}
servo3.detach();
}
servo4.attach(5); // kanggo pin servo mancep no 8
servo5.attach(6);
servo6.attach(7);
pb4 = digitalRead(A3);
for (putar = 0; putar <= 65; putar += 1) {
    servo4.write(putar);
    delay(10);
}
for (putar = 65; putar >= 0; putar -= 1) {
    servo4.write(putar);
    delay(110);
}
for (putar = 0; putar <= 90; putar += 1) {
    servo5.write(putar);
    delay(10);
}

```



```
}  
for (putar = 90; putar >= 0; putar -= 1) {  
    servo5.write(putar);  
    delay(90);  
}  
for (putar = 0; putar <= 90; putar += 1) {  
    servo6.write(putar);  
    delay(10);  
}  
for (putar = 90; putar >= 0; putar -= 1) {  
    servo6.write(putar);  
    delay(110);  
}  
servo4.detach();  
}
```

