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Experiment No. : 07

Statement : Blink an LED with two switches. One switch for increasing the blinking rate and another for decreasing the blinking rate.

Date of Exp. : xx/xx/xxxx

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int pushButton1 = 1;

int pushButton2 = 2;

void setup() {

pinMode(3,OUTPUT);

pinMode(pushButton1, INPUT);

pinMode(pushButton2, INPUT);

Serial.begin(9600);

}

void loop() {

int buttonState1 = digitalRead(pushButton1);

int buttonState2 = digitalRead(pushButton2);

if(buttonState1==LOW){

digitalWrite(3, HIGH);

delay(1000);

digitalWrite(3, LOW);

delay(1000);

}

else if(buttonState2==LOW){

digitalWrite(3, HIGH);

delay(100);

digitalWrite(3, LOW);

delay(100);

}

}

