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/*
Statement      :Make experiment 1 work with two switches. One
switch press would result running of LEDs in one direction,
while the second switch press would result running of LEDs in
opposite direction.

int led[]={2,3,4,5,6};

int loopLed=5;

int switchPin1=8;

int switchPin2=9;

void setup(){

    pinMode(switchPin1,INPUT_PULLUP);

    pinMode(switchPin2,INPUT_PULLUP);

    for(int i=0;i<loopLed;i++){

        pinMode(led[i],OUTPUT);

    }

}

void loop(){

    if(digitalRead(switchPin1)==LOW){

        runLeds(100);

    }

```

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    if (digitalRead(switchPin2)==LOW) {

        runLedsReverse(100);

    }

}

void runLeds(int n){

    for(int i=0;i<loopLed;i++){

        digitalWrite(led[i],HIGH);

        delay(n);

        digitalWrite(led[i],LOW);

    }

}

void runLedsReverse(int n){

    for(int i=loopLed-1;i>=0;i--){

        digitalWrite(led[i],HIGH);

        delay(n);

        digitalWrite(led[i],LOW);

    }

}

```

