

// SOS generator ARDUINO:

// programirano in testirano v sistemu ARDUINO

/*

*/

int short_on = 100;

int long_on = 200;

int short_off = 100;

int long_off = 200;

int signal = 0;

void setup() {

pinMode(13, OUTPUT);

Serial.begin(9600);

}

void loop() {

// trije kratki;

for (int x = 1; x < 4; x++) {

digitalWrite(13, HIGH);

signal = digitalRead(13);

```
Serial.println(signal,DEC);

delay(short_on);
digitalWrite(13, LOW);

signal = digitalRead(13);
Serial.println(signal,DEC);

delay(short_off);
}

// trije dolgi;
for (int x = 1; x < 4; x++) {
    digitalWrite(13, HIGH);

    signal = digitalRead(13);
    Serial.println(signal,DEC);

    delay(long_on);
    digitalWrite(13, LOW);

    signal = digitalRead(13);
    Serial.println(signal,DEC);

    delay(long_off);
}
```

```
// trije kratki;

for (int x = 1; x < 4; x++) {

    digitalWrite(13, HIGH);

    signal = digitalRead(13);
    Serial.println(signal,DEC);

    delay(short_on);
    digitalWrite(13, LOW);

    signal = digitalRead(13);
    Serial.println(signal,DEC);

    delay(short_off);
}

// premor med SOS serijo;
delay(1000);
}
```