

Lesson 15

Interactive Art

```
lightSensor.setScale(150, 500);
onEvent(▼"button1", ▼"click", function() {
  var flower = getProperty(▼"dropdown1", ▼"value");
  if (flower == "Morning") {
    setProperty(▼"image1", ▼"image", ▼"download.jpg");
  }
  if (flower == "Afternoon") {
    setProperty(▼"image1", ▼"image", ▼"download-(1).jpg");
  }
  if (flower == "Evening") {
    setProperty(▼"image1", ▼"image", ▼"images.jpg");
  }
}, 1);

onBoardEvent(▼lightSensor, ▼"change", function() {
  if (lightSensor.value > 200) {
    colorLeds[0].color("white");
    colorLeds[1].color("white");
    colorLeds[2].color("white");
    colorLeds[3].color("white");
    colorLeds[4].color("white");
    colorLeds[5].color("white");
    colorLeds[6].color("white");
    colorLeds[7].color("white");
    colorLeds[8].color("white");
    colorLeds[9].color("white");
  } else if (lightSensor.value < 50) {
    colorLeds[0].color("red");
    colorLeds[1].color("red");
    colorLeds[2].color("red");
    colorLeds[3].color("red");
    colorLeds[4].color("red");
    colorLeds[5].color("red");
    colorLeds[6].color("red");
    colorLeds[7].color("red");
    colorLeds[8].color("red");
    colorLeds[9].color("red");
  }
});
```