Robot or Car Project

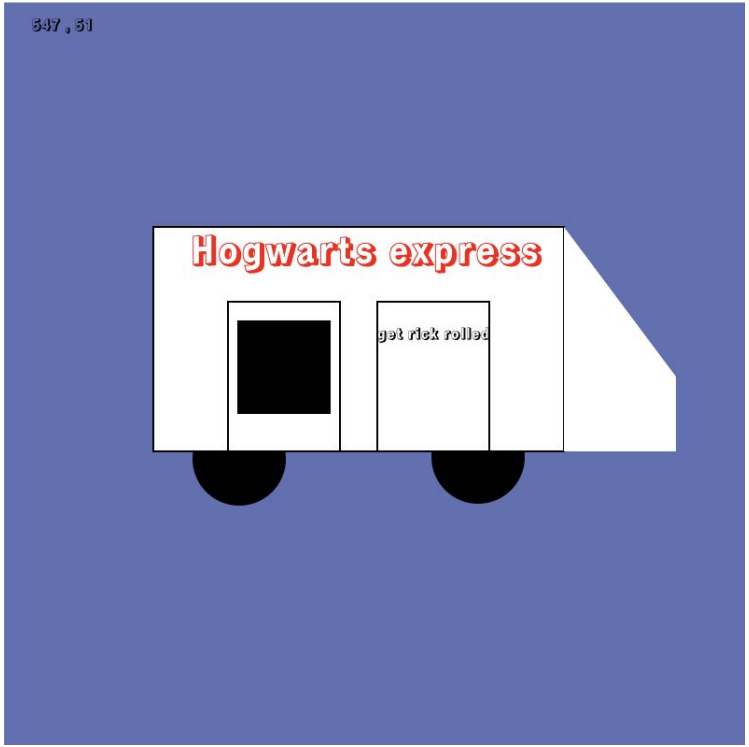
CS & Coding Class - Fall 2021 - 6B1 & 6B2

Students drew a robot or vehicle on a planning grid, then wrote p5/Javascript code to create their design.

MUST HAVES	MAKE IT AWESOMES

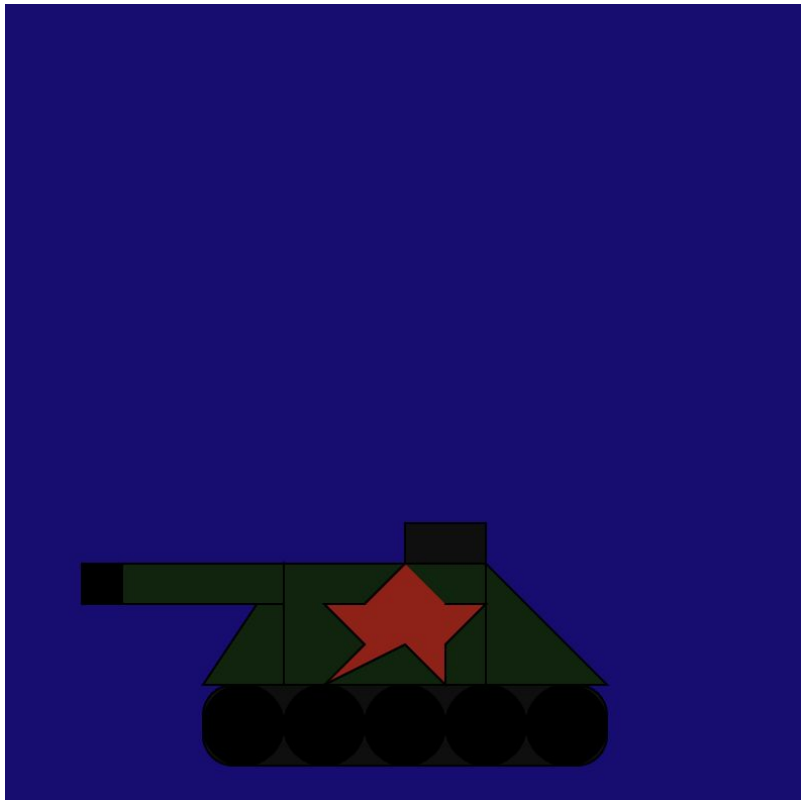
• I have drawn my robot or car on paper or on a planning slide.
• My code creates the robot or car I drew.
• My robot or car design includes:
  ◦ At least 4 colors
  ◦ At least 6 shapes (can be same or different types)
• My code removes the helper grid and has a specified background color.
• Code runs with no errors
	• My robot or car design uses additional options for shapes and/or color: rounded corners on rectangles/squares, transparency value for color.
	• My code uses comments to describe each part of my design.
	• My project uses at least one additional p5 shape: arc, complex shape, or quad.
	• My project uses text and a Google font to style the text.

https://9-robot-or-car-project-alexb45.6b1-fall2021.repl.co/
(click link for interactivity!)



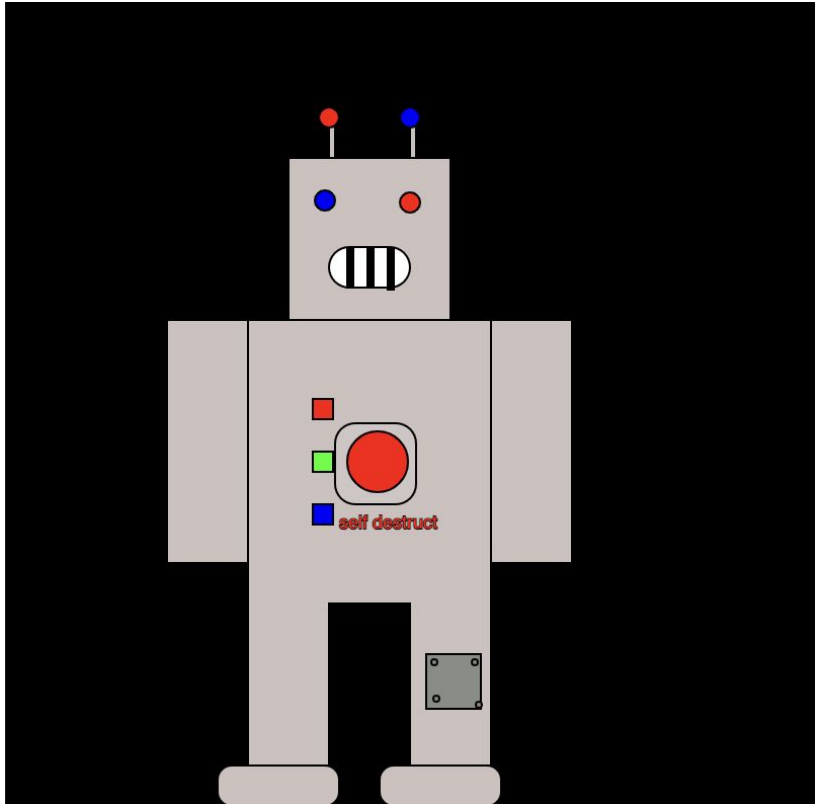

```
function setup() {
  createCanvas(400, 400);
  textFont("Rampart One")

}

function draw() {
  background(94, 113, 181);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)


    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below

 fill(0);
 ellipse(126, 244, 50, 50);
 ellipse(254, 243, 50, 50);
 fill(255);
 strokeWeight(1);
 rect(80, 120, 220, 120);
 strokeWeight(1);
 rect(200, 160, 60, 80);
 strokeWeight(1);
 rect(120, 160, 60, 80);
 strokeWeight(0);
 triangle(300, 120, 360, 200, 300, 240);
 strokeWeight(0);
 rect(300, 200, 60, 40);
 fill(0);
 rect(mouseX, 170, 50, 50);
 rect(125, 170, 50, 50);
 textSize(20)
 fill(255, 0, 0)
 text("Hogwarts express", 100, 140);
 textSize(8);
 fill(0)
 text("get rick rolled", 200, 180);

}
```

https://9-robot-or-car-project-azlanc.6b1-fall2021.repl.co/
(click link for interactivity!)



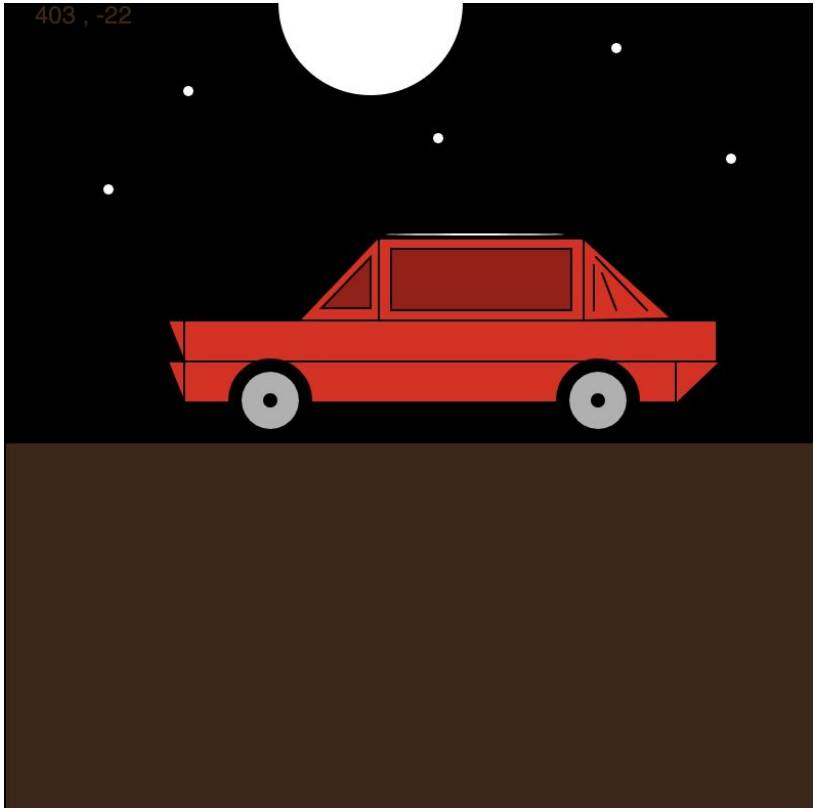
```
let Xball=40;
let speed=1
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(25, 12, 118);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //image(img, 0, 0, 400, 400);
Xball -= speed
 fill(232, 238, 16)
ellipse(Xball, 290, 10, 10)

 // code your robot or car below
 fill(7, 37, 11)
 triangle(140, 280, 100, 340, 140, 340)
 //So this is where I started, with a triangle toward bottom left, to create the front of the tank.
 rect(140, 280, 100, 60)
 //Then the body of the tank.
triangle(240, 280, 240, 340, 300, 340)
fill(15)
rect(100, 340, 200, 40, 15)
fill(0)
ellipse(120, 360, 40, 40)
ellipse(160, 360, 40, 40)
ellipse(200, 360, 40, 40)
ellipse(240, 360, 40, 40)
ellipse(280, 360, 40, 40)
//Now the wheels. I had to make the round rectangle a little gray, so you can see the wheels.
fill(15)
rect(200, 260, 40, 20)
//This the cockpit of the tank.
fill(7, 37, 11)
rect(60, 280, 80, 20)
fill(0)
rect(40, 280, 20, 20)
//And this is the gun of the tank.
beginShape()
fill(mouseX, mouseY, 13, 152, 8)
vertex(200, 280)
vertex(180, 300)
vertex(160, 300)
vertex(180, 320)
vertex(160, 340)
vertex(200, 320)
vertex(220, 340)
vertex(220, 320)
vertex(240, 300)
vertex(220, 300)
endShape(close)
//And finally, the star on the body of the tank.

```

https://9-robot-or-car-project-juliand3.6b1-fall2021.repl.co/



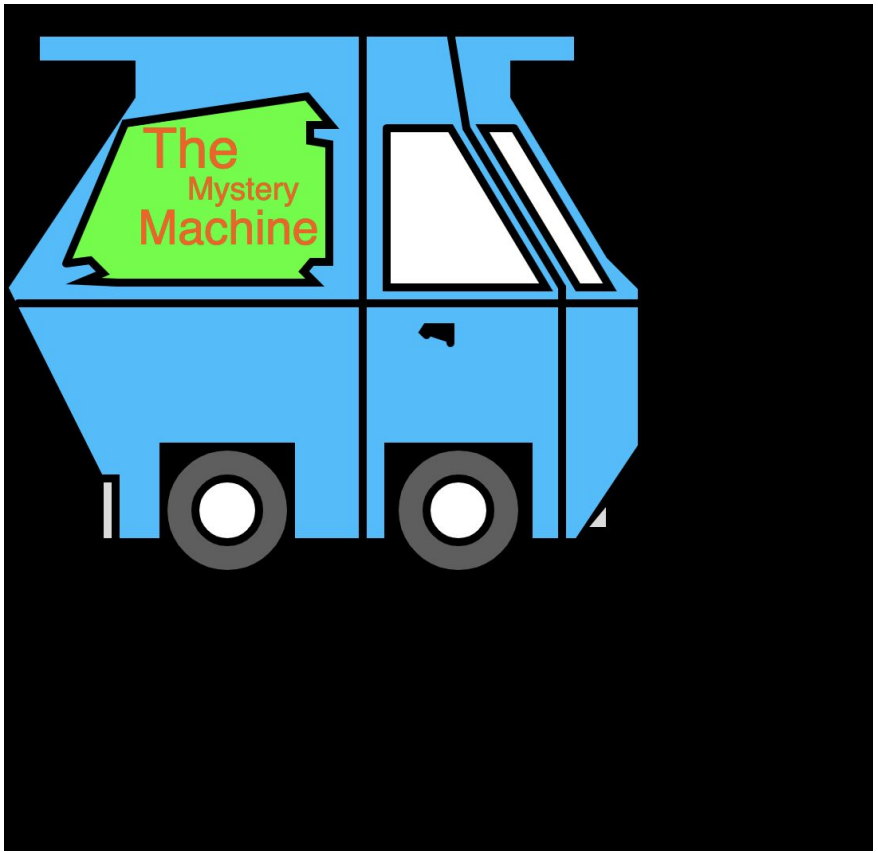

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(0);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)

//  image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas

    stroke(255)


 // code your robot or car below
stroke(0)

fill(205,194,192)
rect(140,80,80,80)
rect(120,160,120,220)
fill(0)
rect(160,300,40,80)
fill(205,194,192)
rect(105,380,60,20,7)
rect(185,380,60,20,7)
fill(255,0,0)
rect(152,199,10,10)
fill(0,255,0)
rect(152,225,10,10)
fill(0,0,255)
rect(152,251,10,10)
fill(255,0,0)
fill(255,255,255,20)
rect(163,211,40,40,10,10)
fill(255,0,0)
ellipse(184,230,30,30)
textSize(9);
text("self destruct",165,263);
fill(205,194,192)
fill(136,141,132)
rect(208,325,27,27)
ellipse(212,329,3,3)
ellipse(234,350,3,3)
ellipse(213,347,3,3)
ellipse(232,329,3,3)
fill(255,0,0,)
fill(0,0,255)
ellipse(158,101,10,10)
fill(255,0,0)
ellipse(200,102,10,10)
fill(255)
rect(160,124,40,20,20)
fill(0)
rect(169,125,3,19)
rect(179,125,3,19)
rect(189,125,3,20)
fill(205,194,192)
rect(80,160,40,120)
rect(240,160,40,120)
fill(205,194,192)
rect(200,60,3,20)
rect(160,60,3,20)
fill(255,0,0)
ellipse(160,60,10,10)
fill(0,0,255)
ellipse(200,60,10,10)



}
```

https://9-robot-or-car-project-kaie1.6b1-fall2021.repl.co/
(click link for interactivity!)



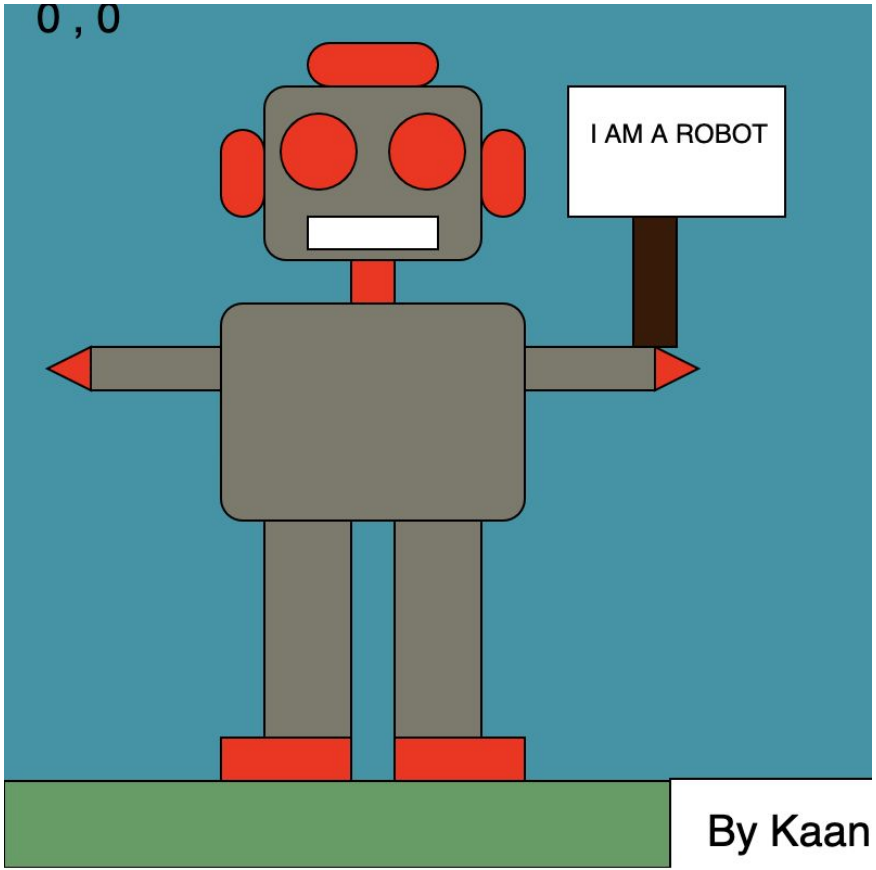

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(mouseY, 255);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //mouseY , 0

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code car below
 noStroke(90)
 fill(255)
 ellipse(179,5,90,90)
 stroke(0)
 fill(232, 17, 17 );
 rect(88,160,260,20);
 triangle(80,160,88,180,88,160);
 rect(88,180,240,20);
 triangle(80,180,88,200,88,180);
 triangle(328,180,328,201,350,180)
 triangle(144,160,183,119,183,160)
 rect(183,120,100,40)
 triangle(283,120,326,159,283,160)
 fill(0,0,0)
 ellipse(130,199,40,40)
 fill(176,176,176)
 ellipse(130,199,29,29)
 fill(0,0,0)
 ellipse(130,199,6,6)
 ellipse(290,199,40,40)
 fill(176,176,176)
 ellipse(290,199,29,29)
 fill(0,0,0)
 ellipse(290,199,6,6)
 fill(0,0,0,80)
 rect(189,125,88,30)
 triangle(179,129,155,154,179,154)
 line(289,129,314,155)
 line(288,133,288,155)
 line(292,137,299,155)
 fill(255,255,255)
 ellipse(230,118,102,2)
 noStroke(90)
 ellipse(90,48,5,5)
 ellipse(212,71,5,5)
 ellipse(299,27,5,5)
 ellipse(51,96,5,5)
 ellipse(355,81,5,5)
 fill(64, 39, 25)
 rect(1,220,400,200)
}
```

https://9-robot-or-car-project-derekf.6b1-fall2021.repl.co/



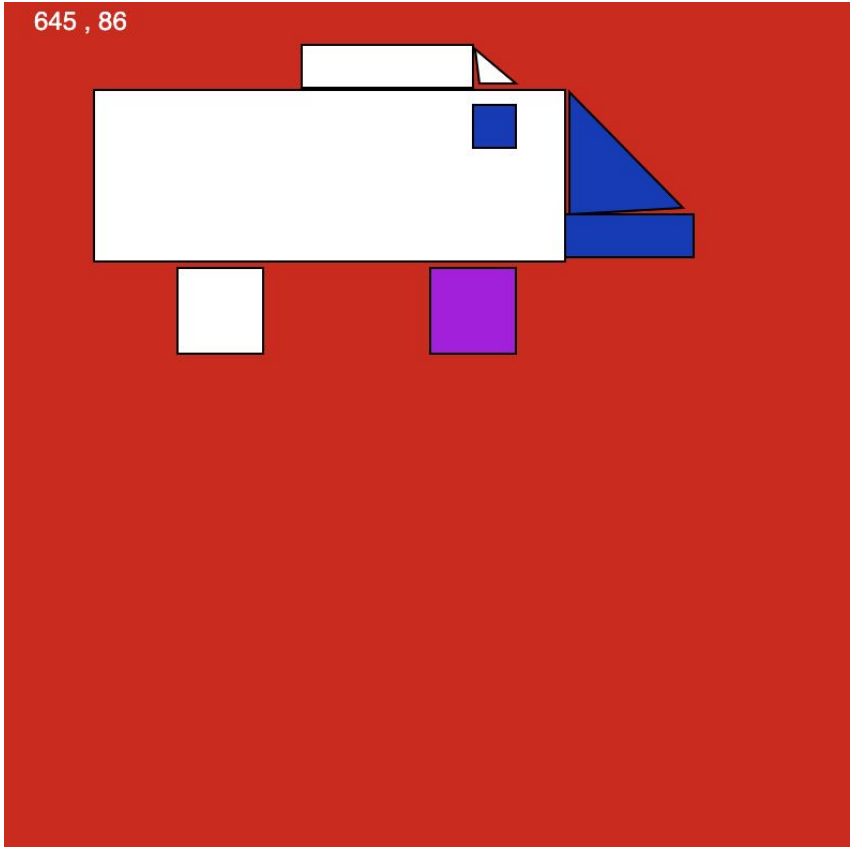

```
function setup() {
  createCanvas(1000, 1000);

}

function draw() {
  background(0);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)


    //writes mouseX and mouseY variables on the canvas
  fill(0, 0, 0)
  textSize(15)
  text(mouseX + " , " + int(mouseY), 15, 375);
  strokeWeight(5);

    fill(0, 190, 255)
  beginShape();
// Write the code for your shapes vertices here:
// vertex(x, y);
 vertex(0, 180);
 vertex(60, 300);
 vertex(60, 340);
 vertex(100, 340);
 vertex(100, 280);
 vertex(180, 280);
 vertex(180, 340);
 vertex(241, 340);
 vertex(241, 280);
 vertex(329, 280);
 vertex(329, 340);
 vertex(360, 340);
 vertex(400, 280);
 vertex(400, 180);
 vertex(380, 160);
 vertex(320, 60);
 vertex(320, 40);
 vertex(360, 40);
 vertex(360, 20);
 vertex(20, 20);
 vertex(20, 40);
 vertex(80, 40);
 vertex(80, 60);
 vertex(0, 180);



 endShape();

 fill(220, 220, 220)
 rect(60, 300, 10, 40)

 fill(94, 94, 94)
 ellipse(140, 320, 80)
 fill(255, 255, 255);
 ellipse(140, 320, 40)
 fill(94, 94, 94)
 ellipse(285, 320, 80)
 fill(255, 255, 255)
 ellipse(285, 320, 40)

 // code your robot or car below 310 80
 fill(255, 255, 255)
 beginShape()

 vertex(320, 80)
 vertex(380, 180)
 vertex(360, 180)
 vertex(300, 80)
 vertex(320, 80)

endShape()

beginShape()

 vertex(240, 80);
 vertex(280, 80);
 vertex(340, 180);
 vertex(240, 180);
 vertex(240, 80);

endShape()


 fill(0, 0, 0)
beginShape()


 vertex(225, 340)
 vertex(225, 20)

 endShape()


beginShape()


 vertex(350, 180);
 vertex(350, 340);
 vertex(350, 185);


 endShape()

 beginShape()

 vertex(265, 210);
 vertex(263, 208);
 vertex(265, 205);
 vertex(270, 205);
 vertex(280, 205);
 vertex(280, 215);

 endShape()


 fill(220, 220, 220)
 beginShape()

 vertex(380, 315)
 vertex(380, 333);
 vertex(365, 333);

 endShape()

 beginShape()

 vertex(400, 190);
 vertex(9, 190);

 endShape()

 fill(0, 255, 0)

 beginShape()

   vertex(39, 165);
   vertex(54, 163)
   vertex(62, 171)
   vertex(50, 176)
   vertex(71, 177)
   vertex(195, 177)
   vertex(188, 170)
   vertex(193, 164)
   vertex(204, 164)
   vertex(204, 90)
   vertex(192, 88)
   vertex(192, 78)
   vertex(205, 78)
   vertex(198, 68)
   vertex(76, 77)
   vertex(39, 165)



   endShape()


   fill(255, 90, 0)
   textSize(35)
   text("The", 87, 105)
   textSize(20)
   text("Mystery", 115, 125)
   textSize(30)
   text("Machine", 84, 153)


}
```

https://9-robot-or-car-project-kaanb1.6b1-fall2021.repl.co/



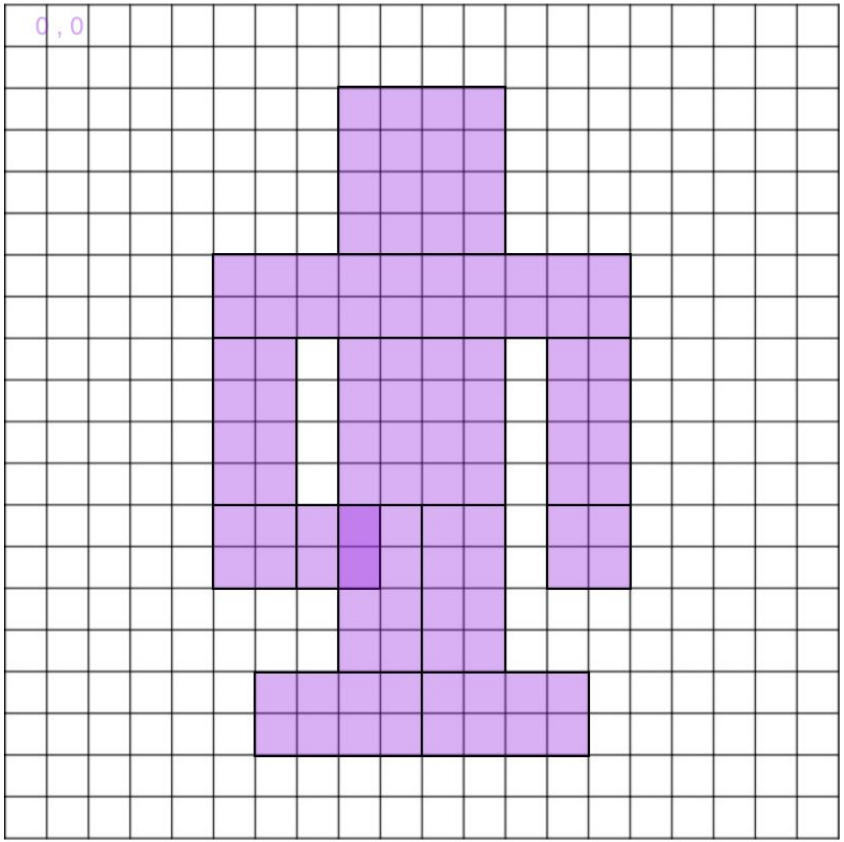

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(28, 149, 169);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  // image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
fill(123, 122, 106)
rect(120, 40, 100, 80, 10)
rect(100, 140, 140, 100, 10)
rect(40, 160, 60, 20)
rect(240, 160, 60, 20)
rect(120, 240, 40, 100)
rect(180, 240, 40, 100)
fill(255, 15, 0)
rect(160, 120, 20, 20)
rect(140, 20, 60, 20, 10)
rect(100, 60, 20, 40, 10)
rect(220, 60, 20, 40, 10)
rect(100, 340, 60, 20)
rect(180, 340, 60, 20)
triangle(40, 180, 40, 160, 20, 170)
triangle(300, 160, 320, 170, 300, 180)
ellipse(145, 70, 35, 35)
ellipse(195, 70, 35, 35)
fill(87, 158, 96)
rect(0, 360, 400, 40)
fill(255, 255, 255)
rect(140, 100, 60, 15)
// these made my sign
rect(260, 40, 100, 60)
fill(59, 25, 3)
rect(290, 100, 20, 60)
fill(0, 0, 0)
textSize(12)
text("I AM A ROBOT", 270, 66)
// these made the "by kaan"
fill(255, 255, 255)
rect(307, 359, 100, 60)
fill(0, 0, 0)
textSize(20)
text("By Kaan", 324, 390)
}
```

https://9-robot-or-car-project-danielm29.6b1-fall2021.repl.co/



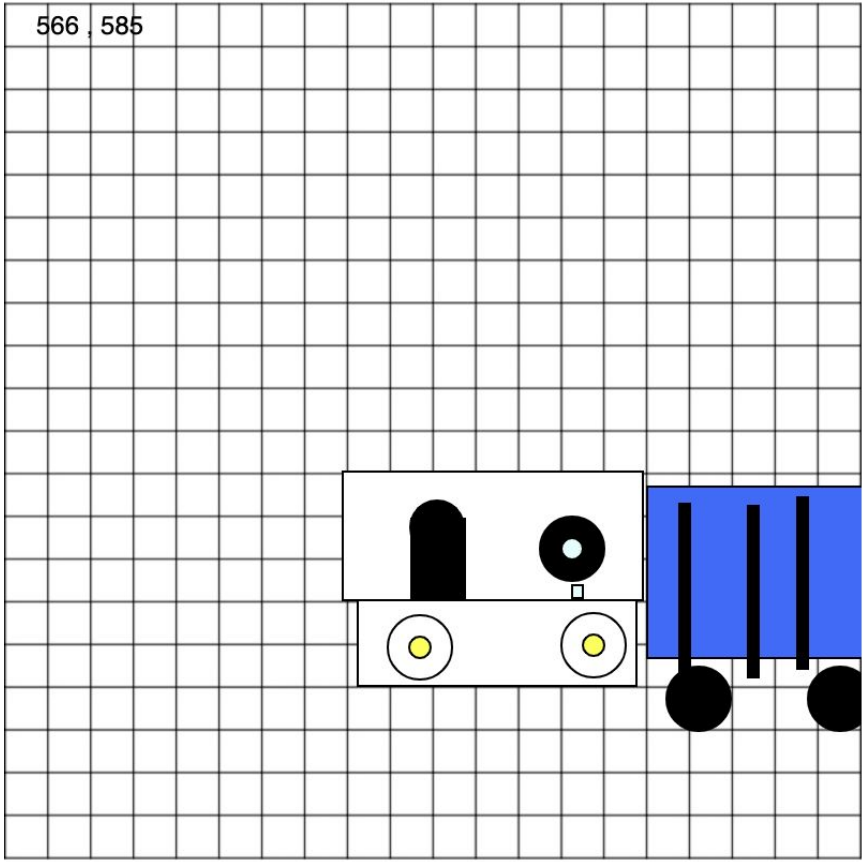

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(219, 4, 4);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below

rect(43, 43, 220, 80);
rect(140, 22, 80, 20);
triangle(221,24,240,40,223,40)
fill(0, 60, 188 )
triangle(265, 44, 318, 98, 265, 101)
rect(263,101,60,20)
rect(220, 50, 20, 20)
fill(177, 0, 226)
rect(200, 126, 40, 40)
fill(255,255,255)
rect(82, 126, 40, 40)



}
```

https://9-robot-or-car-project-kingstonm1.6b1-fall2021.repl.co/



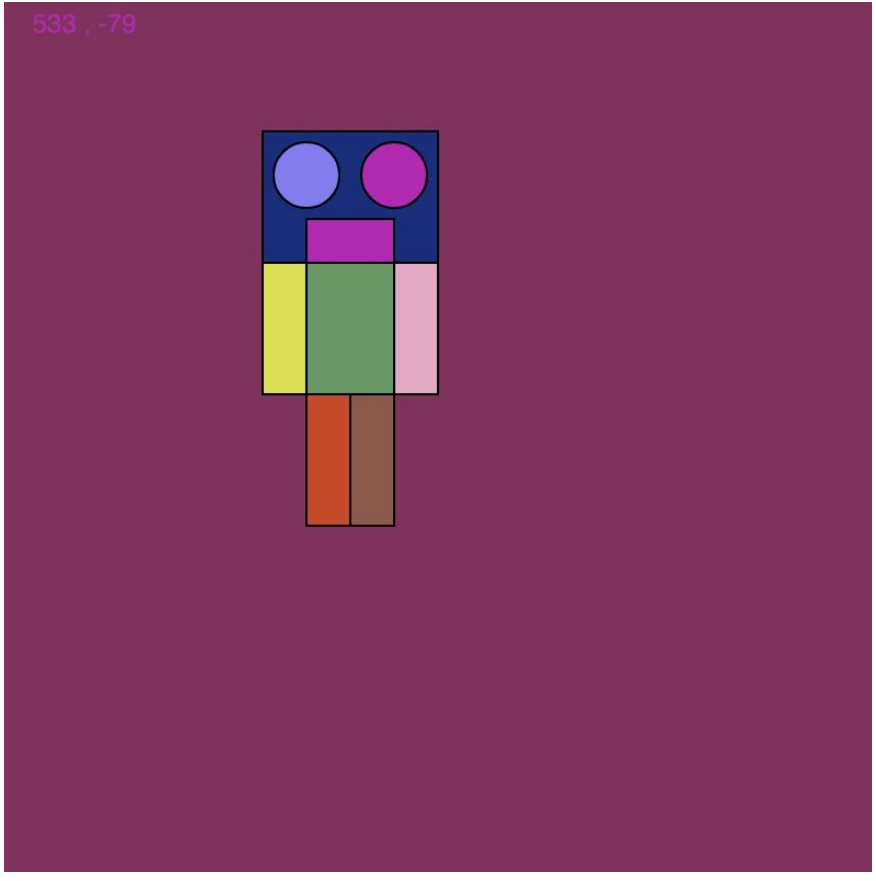

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(220);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
 fill(172, 25, 238, 90)
rect(160, 40,  80, 80);
rect(100, 120, 200, 40);
rect(160, 160, 80, 80);
rect(140, 240, 40, 40,);
rect(100, 160, 40, 80);
rect(100, 240, 40, 40);
rect(160, 240, 40, 80)
rect(120, 320, 80, 40)
rect(200, 320, 80, 40 )
rect(200, 240, 40, 80)
rect(260, 240, 40, 40)
rect(260, 160, 40, 80)
}
```

https://9-robot-or-car-project-habelm.6b1-fall2021.repl.co/



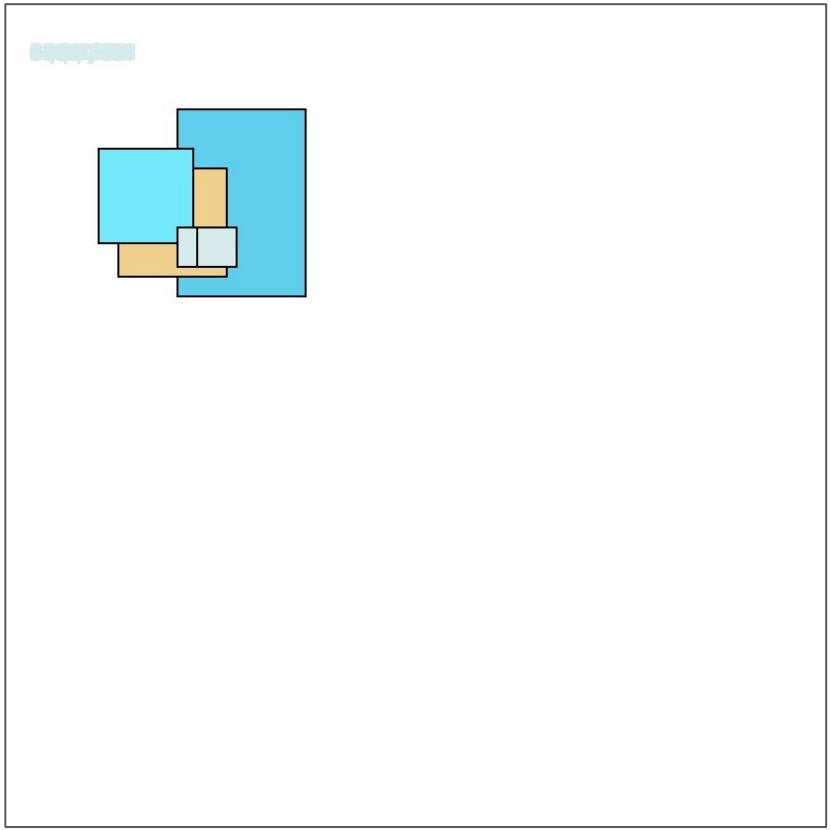

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(220);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  image(img, 0, 0, 400, 400);
  fill(0)
  text(mouseX + " , " + int(mouseY), 15, 15);
  fill(255,255,255)


    //writes mouseX and mouseY variables on the canvas


 // code your robot or car below
rect(158,219,140,60)
fill(0)
ellipse(265,255,30,30)
fill(225,255,255)
ellipse(265,255,10,10)
rect(265,272,5,6)
fill(0)
rect(190,241,25,40)
ellipse(202,245,25,25)
fill(255,255,255)
rect(165,279,130,40)
ellipse(194,301,30,30)
ellipse(275,300,30,30)
fill(253,255,51)
ellipse(275,300,10,10)
ellipse(194,301,10,10)
fill(51,107,255)
rect(300,226,150,80)
fill(0)
rect(315,234,5,80)
rect(347,235,5,80)
rect(370,231,5,80)
ellipse(324,325,30,30)
ellipse(390,325,30,30)


}
```

https://9-robot-or-car-project-leahm2.6b1-fall2021.repl.co/



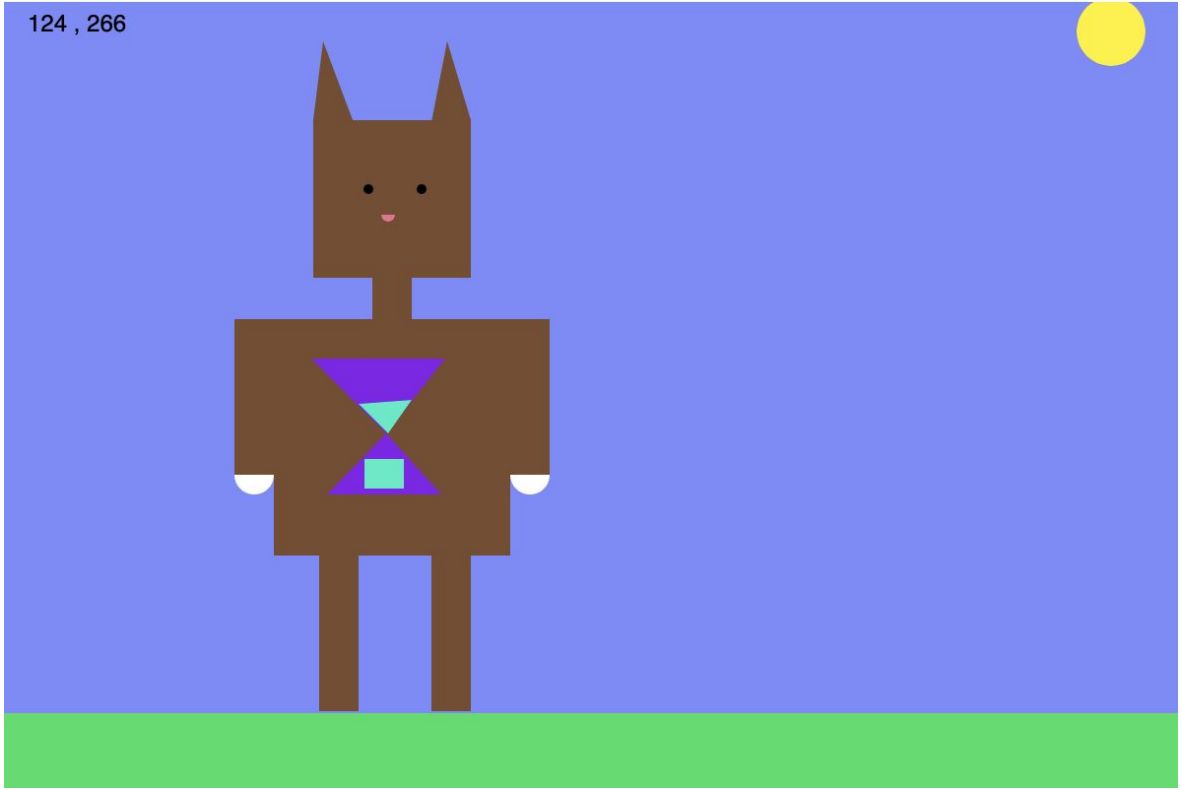

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(139, 45, 94);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
fill(20, 47, 128);
rect(120,60,80,60);
fill(90, 153, 95);
rect(140,120,40,60);
fill(218, 221, 45);
rect(120,120,20,60);
fill(240, 167, 196);
rect(180,120,20,60);
fill(214, 63, 26);
rect(140,180,20,60);
fill(147, 87, 72);
rect(160,180,20,60);
fill(132, 125, 247);
ellipse(140,80,30);
fill(193, 19, 183);
ellipse(180,80,30);
rect(140,100,40,20);
```

https://rocp.6b1-fall2021.repl.co/



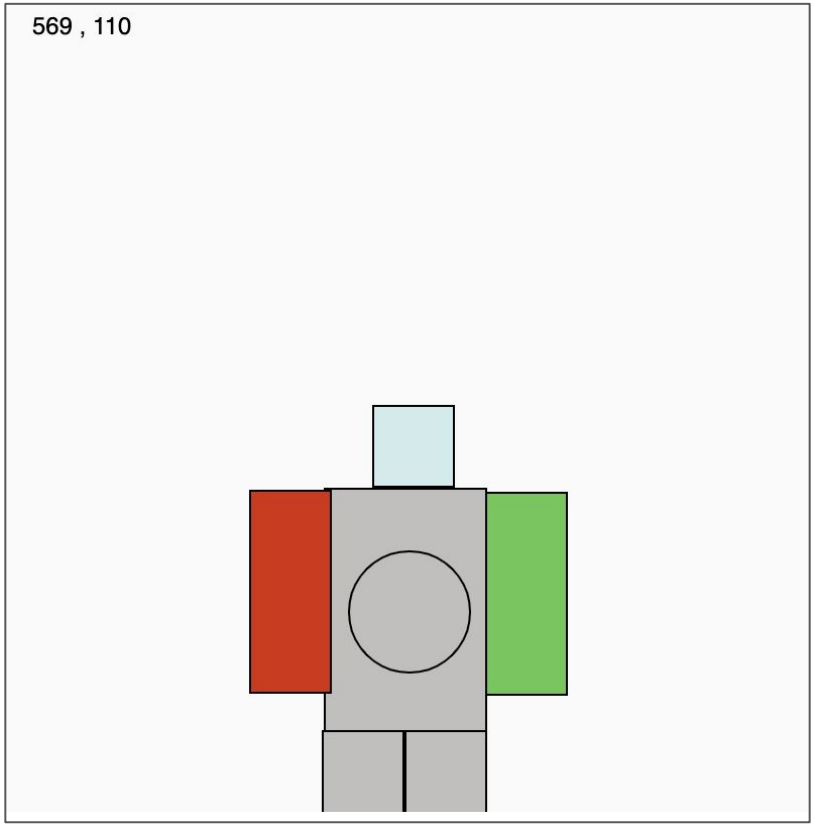
```
let img;
function preload() {
  img =loadImage('grid.jpg');
}


function setup() {
createCanvas(400, 400);
}




function draw() {
  text(mouseX + " , " + int(mouseY), 15, 15);

fill(14, 210, 242);
rect(90, 40, 65, 95);

fill(245, 207, 129);
square(60, 70, 55);


  fill(51, 236, 255);
square( 50, 60, 48);

fill(210, 236, 236);
square(90, 100, 20);

fill(210, 236, 236);
square(100, 100, 20);









}
```

https://9-robot-or-car-project-taliar.6b1-fall2021.repl.co/
(click for interactivity!)



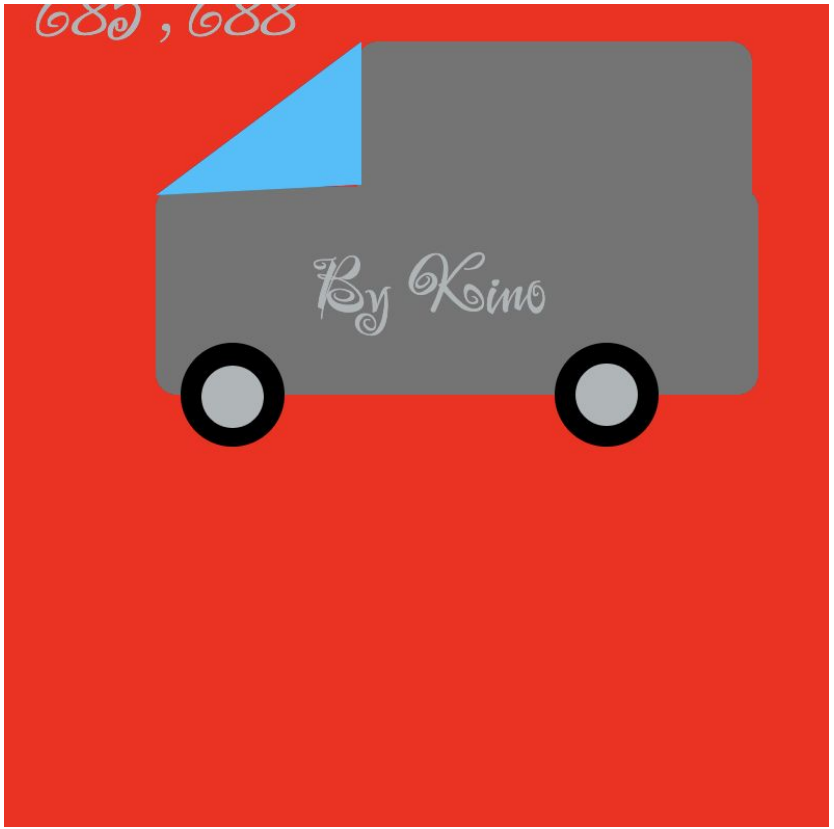

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(600, 400);

}

function draw() {
  background(mouseX, 140, 253, 237);
  //237

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  // image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  fill(0, 0, 0)
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
 fill(120, 76, 48)
 strokeWeight(0)
triangle(160, 60, 180, 60, 165, 20)
rect(160, 60, 80, 80)
triangle(220, 61, 240, 60, 228, 20)
fill(0, 0, 0)
ellipse(188, 95, 5)
ellipse(215, 95, 5)
fill( 234, 116, 142 )
arc(198, 108, 7, 7, 0, PI)
fill(120, 76, 48)
rect(190, 140, 20, 40)
rect(140, 161, 120, 120)
rect(163, 280, 20, 80)
rect(220, 280, 20, 80)
rect(120, 161, 20, 80)
rect(260, 161, 20, 80)
fill(255, 255, 255)
arc(130, 240, 20, 20, 0, PI)
arc(270, 240, 20, 20, 0, PI)
fill(25, 221, 99 )
rect(0, 361, 900, 900)
fill(255, 240, 4)
ellipse(565, 15, 35, 35)
fill(134, 31, 235)
triangle(159, 181, 227, 181, 197, 219)
triangle(197, 219, 167, 250, 225, 250)
  //174, 181
  fill(31, 236, 198)
  triangle(183, 204, 198, 219, 210, 202)
  //rect(187, 234, 5, 10)
  rect(186, 232, 20, 15)
}
```

https://9-robot-or-car-project-rhont.6b1-fall2021.repl.co/



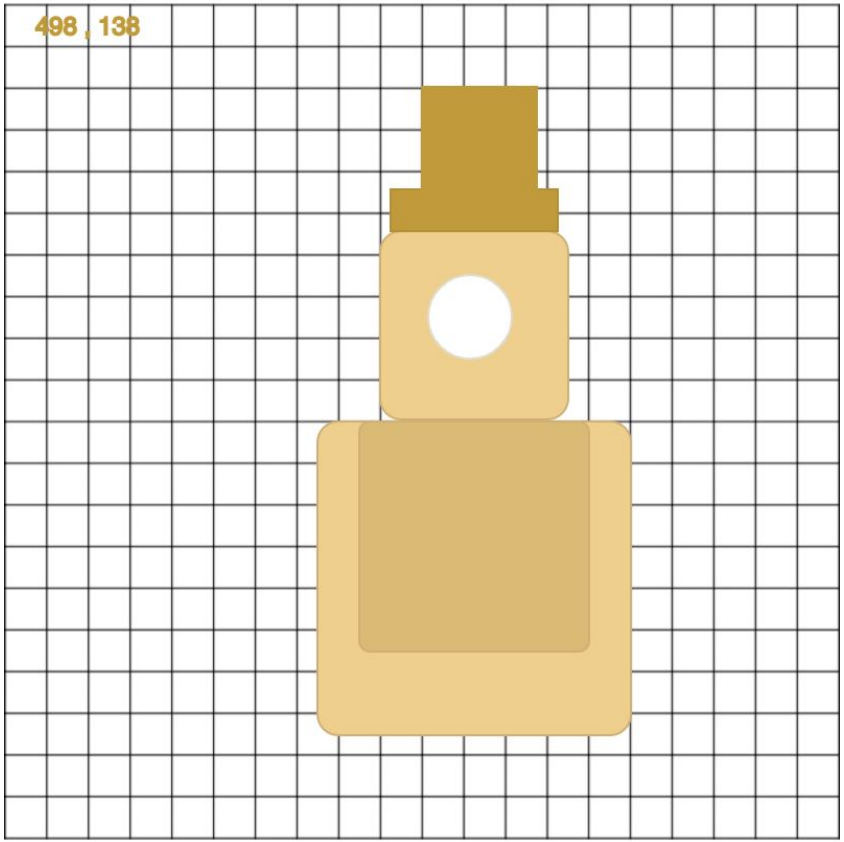

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(250);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  fill(0)
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
 fill(194, 191, 190)
 rect(160,240,80,120)
 rect(159,360,40,100)
 rect(200,360,40,100)
 fill(200,150,123,0)
ellipse(202,301,60,60)
fill(217, 44, 7 )
rect(123,241,40,100)
fill(94, 199, 81 )
rect(240,242,40,100)
fill(208, 235, 235 )
rect(184,199,40,40)









}
```

https://9-robot-or-car-project-kinov.6b1-fall2021.repl.co/



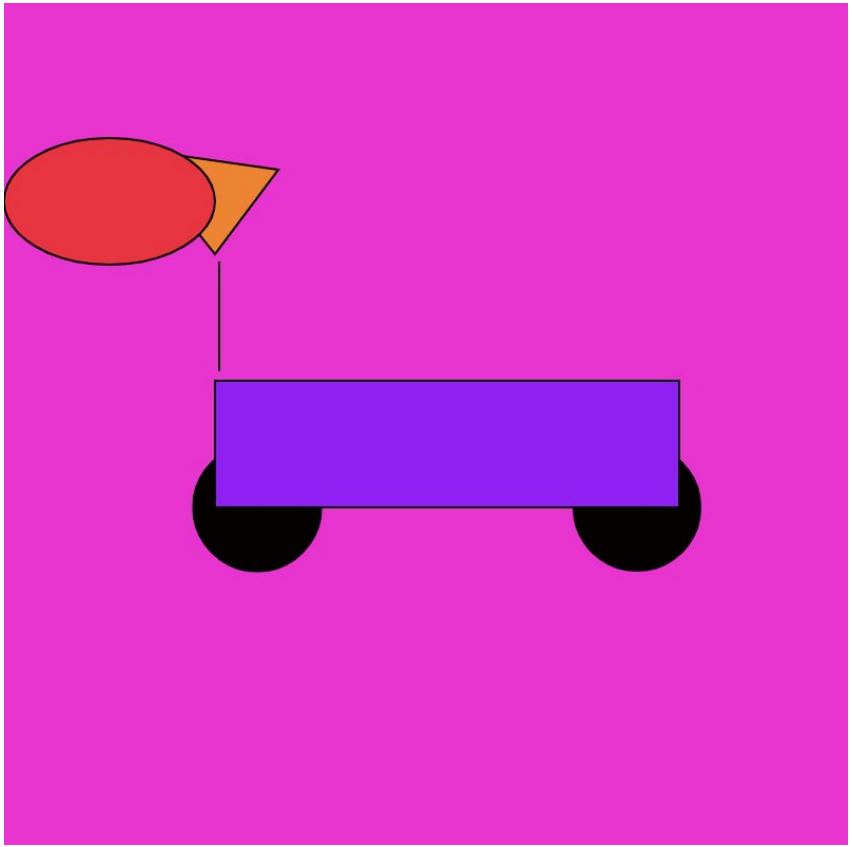

```
let img;
function preload() {
  img = loadImage("grid.jpg");
}

function setup() {
  createCanvas(400,400);
  textFont("Festive")
}

function draw() {
  background(255,0,0 );
  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  // image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

strokeWeight(0)

//this made the body
 fill(116, 116, 116)
 rect(73,90,290,100,10)
fill(116, 116,116)
 rect(170,20,190,113, 10)
//this made the window
fill(4, 193, 254)
 triangle(73,94,172,89,172,20)
//these made the wheels
fill(0, 0, 0)
ellipse(110,190,50);

ellipse(290,190,50);

line(255, 19, 255, -15);

fill(175, 181, 183);
ellipse(110, 191, 30, 30);
ellipse(290, 190, 30, 30);
textSize(35)
text("By Kino",150, 150)
 //170 70 73









}
```

https://9-robot-or-car-project-avaanglade.6b2-fall2021.repl.co/



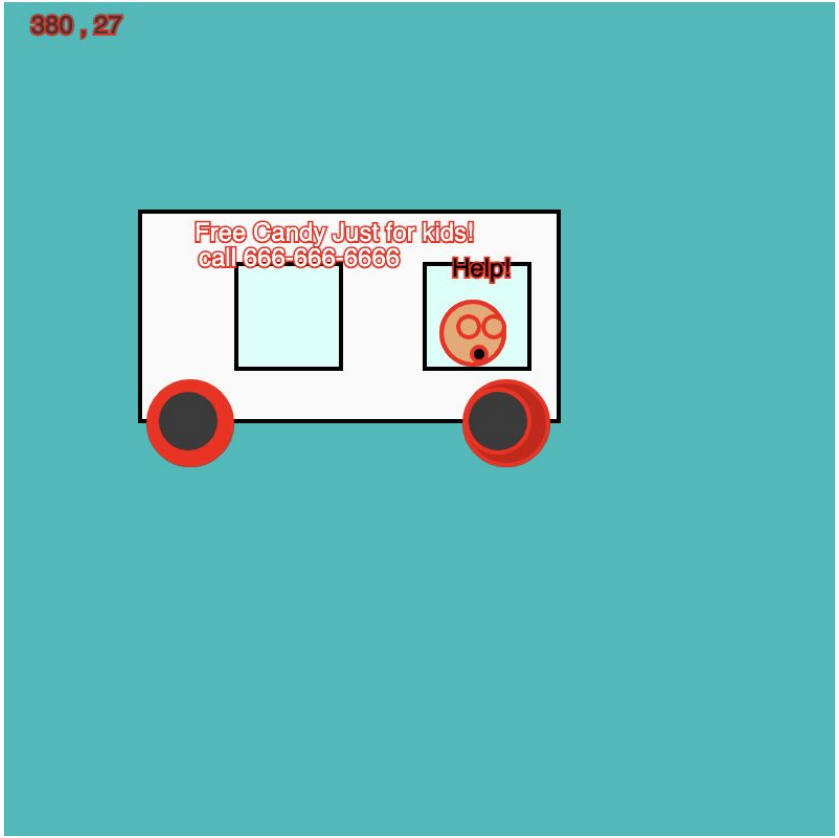

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(45, 147, 223);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
fill(244, 206, 131)
stroke(215, 175, 110)
 square(150, 200, 150, 10);
square(180, 109, 90, 10);

fill(224, 184, 105 )
square(170, 200, 110, 5)

fill(255, 255, 255)
stroke(226, 221, 209)
ellipse(223, 150, 40, 40)

fill(201, 152, 32)
stroke(189, 142, 30)
rect(185, 89, 80, 20);


fill(201, 152, 32)
stroke(201, 152, 32)
rect(200, 40, 55, 55);









}
```

https://9-robot-or-car-project-madisonb1.6b2-fall2021.repl.co/



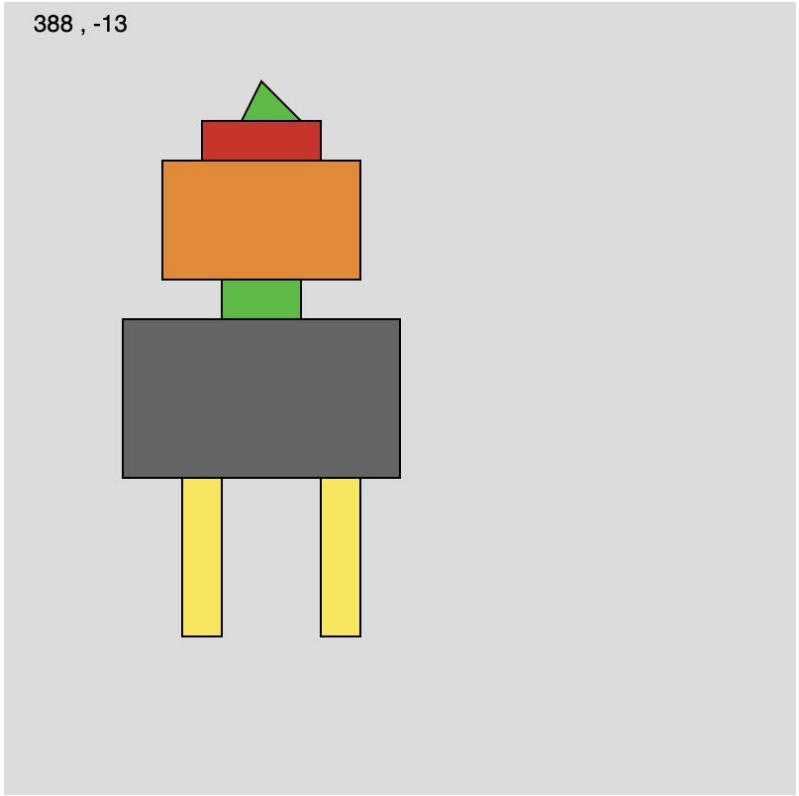
```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(220);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
 background(253, 11, 213)
fill(253, 125, 11)
 triangle (60,70,130,80,100,120)
 fill (6,1,0)
ellipse (120,240,60.60)
ellipse (300,240,60,60)
fill(158, 11, 253)
rect (100,180,220,60)
fill(253, 125, 11)
line(102,124,102,175)
fill(253, 11, 57)
ellipse(50,95,100,60)

}
```

https://9-robot-or-car-project-mariosb.6b2-fall2021.repl.co/



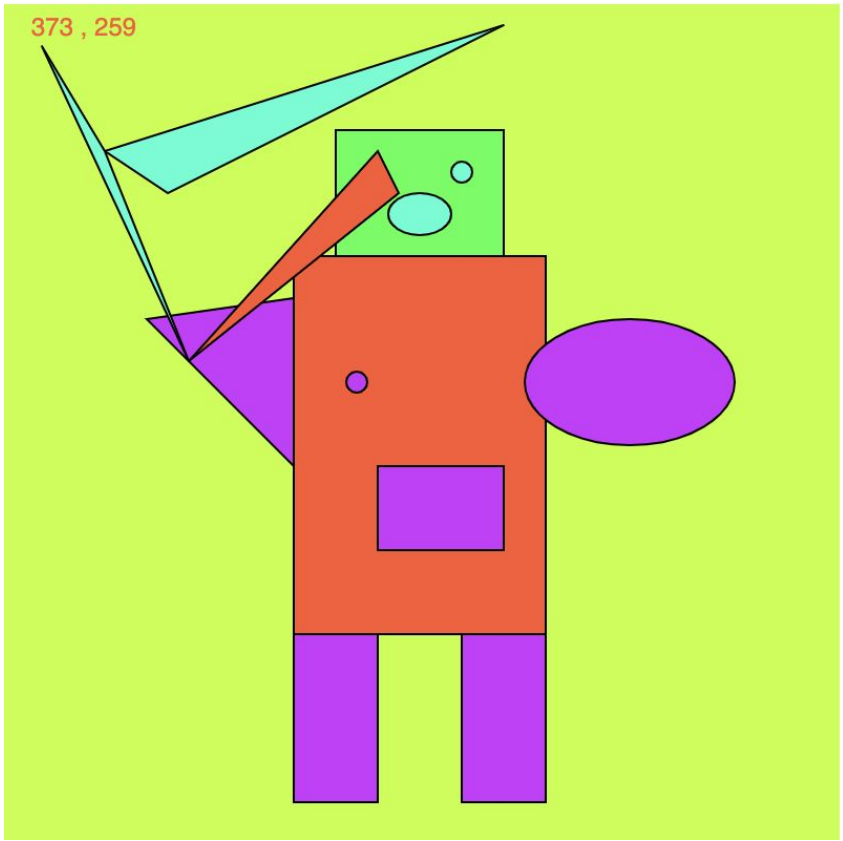

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(12, 188, 186 );

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
strokeWeight(2)
stroke(0,0,0)
fill(250, 250, 250 )
rect(67,100,200,100);
fill(214, 255, 248)
rect(113,125,50,50);
fill(214, 255, 248)
rect(203,125,50,50);
fill(255, 255, 255  )
strokeWeight(2)
stroke(254, 9, 5 )
text("Free Candy Just for kids!", 93,114)
text("call 666-666-6666",95,126)
fill(254, 6, 6 )
ellipse(91,201,40,40)
fill(210, 9, 3)
ellipse(242,201,40,40)
fill(239, 168, 113 )
ellipse(226,158,30,30)
ellipse(224,155,10,10)
ellipse(236,155,10,10)
fill(0,0,0)
ellipse(229,168,7,7)
text("Help!",216,131)
fill(60, 59, 59 )
ellipse(90,200,30,30)
ellipse(238,200,30,30)
}
```

https://9-robot-or-car-project-thomasd4.6b2-fall2021.repl.co/



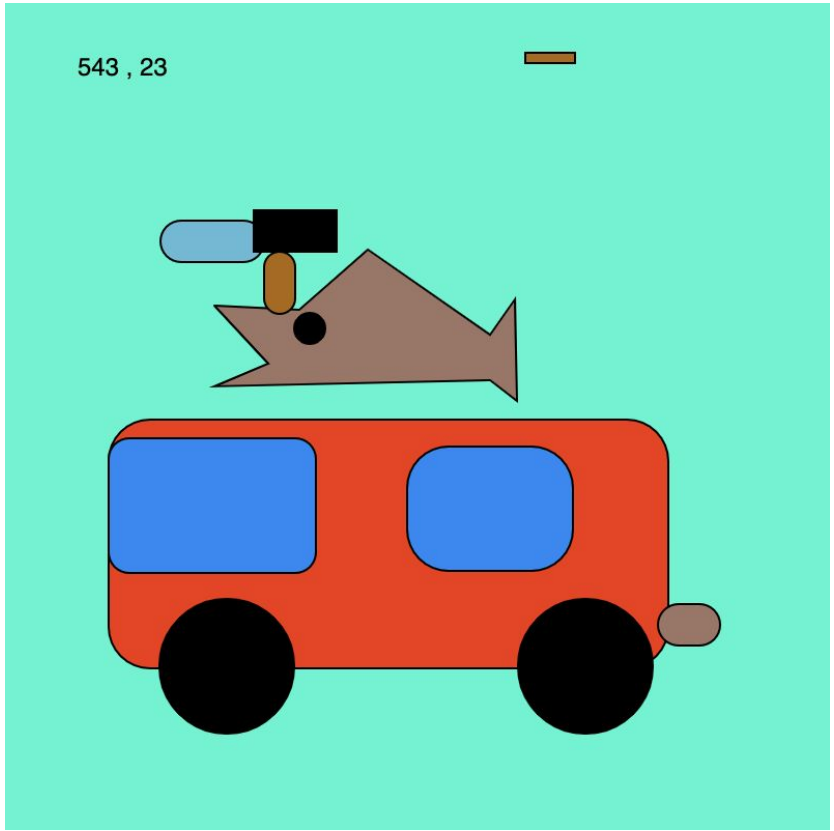

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(220);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
 fill(239, 133, 21)
rect(80,80,100,60)
fill(216, 28, 28)
rect(100,60,60,20)
fill(45, 190, 44)
triangle(130,40,120,60,150,60)
rect(110,140,40,40)
 fill(101, 101, 101)

 rect(60,160,140,80)
 fill(251, 230, 58)
rect(160,240,20,80)
 rect(90,240,20,80  )
fill()



}
```

https://9-robot-or-car-project-langstong.6b2-fall2021.repl.co/



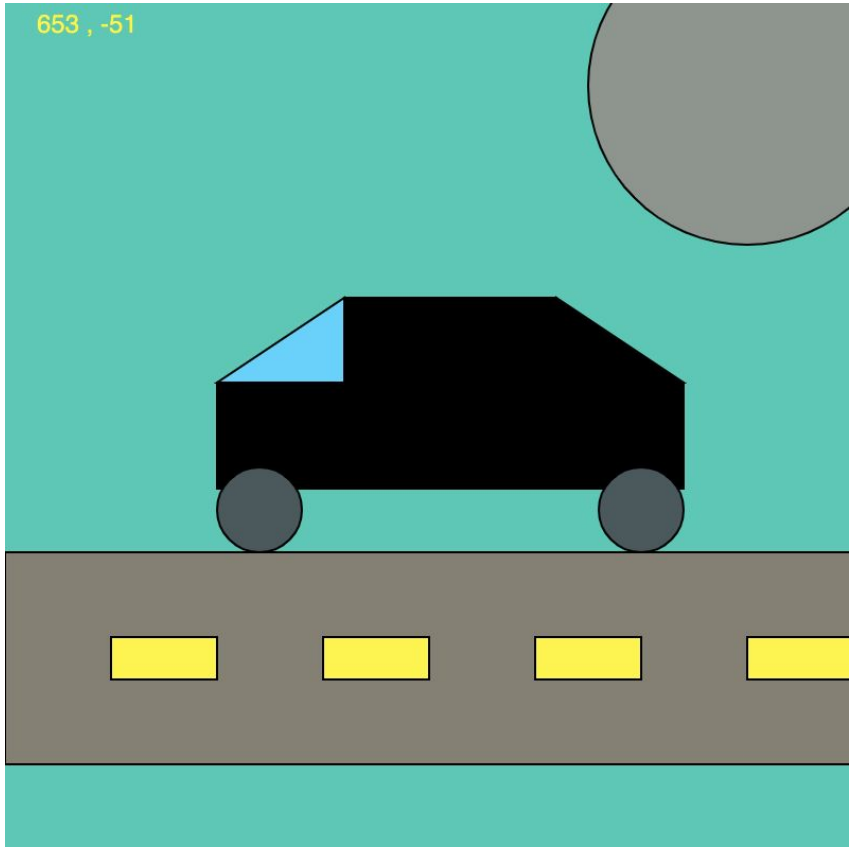

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(195, 255, 51);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //image(img, 0, 0, 400, 400);//

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
rect (140,120,120,180)
fill(51, 255, 76 )
rect (160,60,80,60)
fill(207, 51, 255)
triangle(70,150,140,140,140,220)

rect(220,300,40,80)
rect(140,300,40,80)
 ellipse(300,180,100,60)
rect(180,220,60,40)
ellipse (170,180,10,10)
fill(51, 255, 211 )
triangle (240,10,50,70,80,90)
ellipse (200,100,30,20)
ellipse(220,80,10,10)
fill(51, 255, 211 )
triangle (50,70,90,170,20,20)
fill (255, 87, 51)
triangle (180,70,190,90,90,170)


}
```

https://9-robot-or-car-project-oweng3.6b2-fall2021.repl.co/



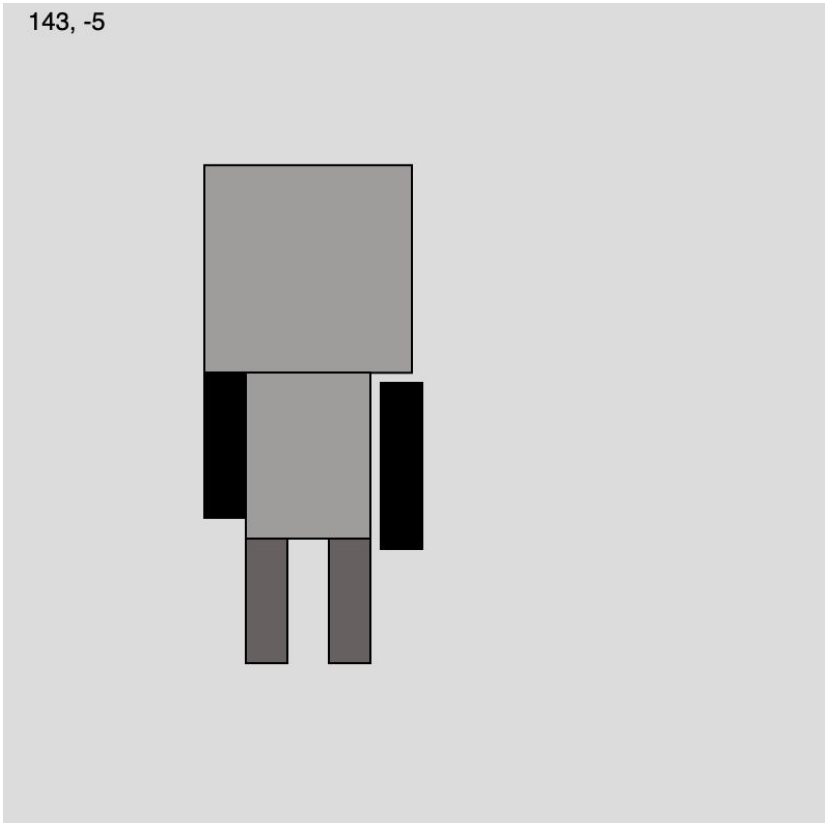

```
function setup() {
  createCanvas(400,400);
}

function draw() {
  background(34, 246, 207);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 35, 35);

 // code your robot or car below
 fill(247, 50, 4)
 rect(50,201,270,120,20)
 fill(0,0,0)
 ellipse(107,320,65,65)
 fill(0)
 ellipse(280,320,65,65)
 fill(4, 138, 247)
 rect(50,210,100,65,10)
 fill(4,138,247)
 rect(194,214,80,60,20)
 fill(158, 117, 101)
 rect(315,290,30,20,15)


beginShape();
  vertex(101,146)
  vertex(127,174)
  vertex(101,185)
  vertex(234,182)
  vertex(247,192)
  vertex(246,143)
  vertex(234,160)
  vertex(175,119)
  vertex(142,148)
  vertex(101,146)
endShape();



 fill(0)
 ellipse(147,157,15,15)
 fill(175, 104, 3)
 rect(125,120,15,30,20)
 fill(175, 104, 3)
 rect(251, 24, 24,5)
 fill(251, 24, 237,70)
 rect(75,105,50,20,10)
 fill(0)
 rect(120,100,40,20)


}
```

https://9-robot-or-car-project-patrickk8.6b2-fall2021.repl.co/




```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(21, 202, 182);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)


   //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
fill(0,0,0)
triangle(320,180,260,140,260,180);
rect(160,140,100,40);
rect(100,180,220,50);

fill(51, 212, 255)
triangle(100,180,160,140,160,180);

fill(72, 88, 93 )
ellipse(120,240,40,40);
ellipse(300,240,40,40);

fill(141,148,142)
ellipse(350,40,150,150)


fill(255,243,0)
ellipse(mouseX,40,150,150)

fill(133, 128, 114)
rect(0,260,400,100)

fill(255,243,0)
rect(50,300,50,20)
rect(150,300,50,20)
rect(250,300,50,20)
rect(350,300,50,20)

}
```

https://9-robot-or-car-project-shamirm.6b2-fall2021.repl.co/

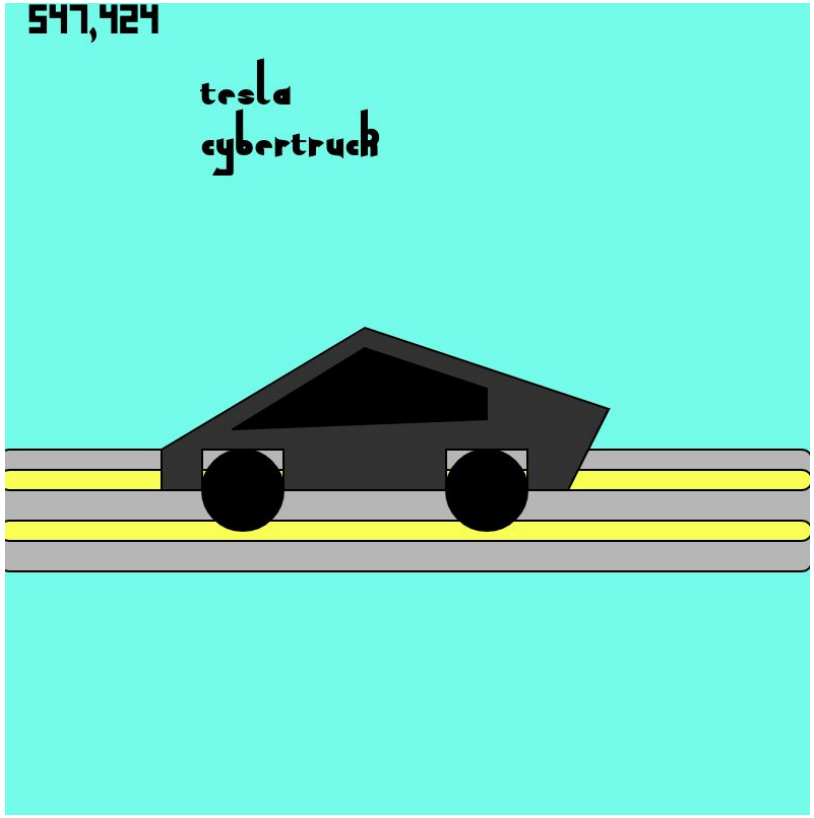



```
let img;

function preload() {
  img = loadImage("grid.jpg");
}
function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(220);

 // image(img, 0, 0, 400, 400);

  text(mouseX + ", " + int(mouseY), 15, 15);
fill(64, 64, 64);
fill(160, 156, 156);
rect(100,80.140,100)
rect(120,180,60,80);
fill(104, 96, 96);
rect(160,260,20,60);
rect(120,260,20,60)
fill(0, 0, 0);
rect(100,180,20,70)
rect(185,185,20,80)



}

```

https://9-robot-or-car-project-lear2.6b2-fall2021.repl.co/

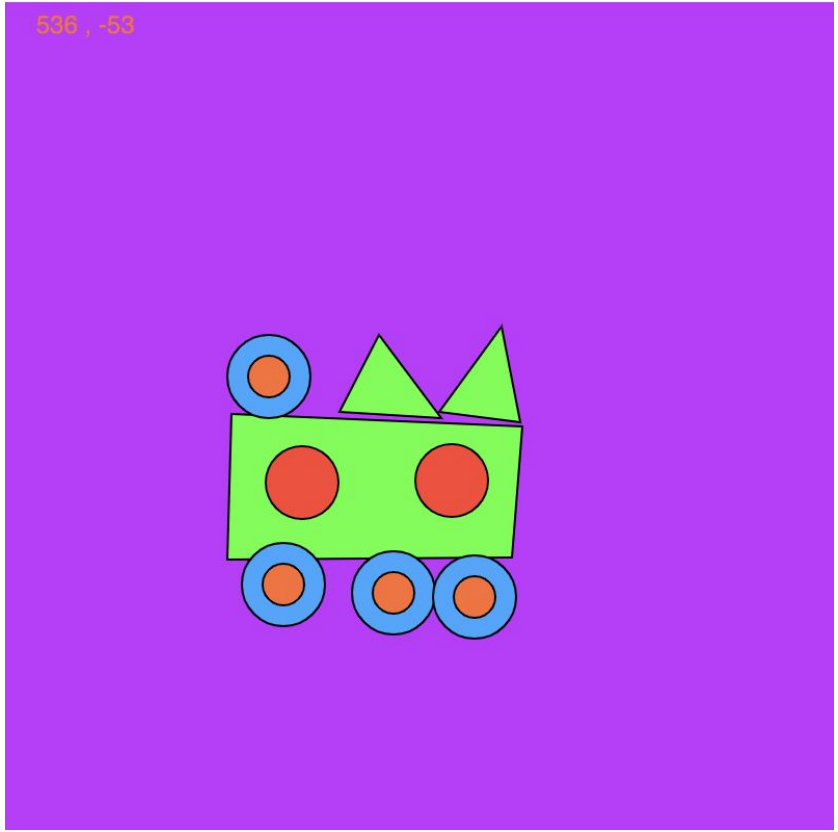

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 300);

}

function draw() {
  background(198, 203, 238 );

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
    fill(0,0,0)
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
strokeWeight(2)
stroke(0,0,0)
fill(255,255,255 )
rect(70,90,260,130,10,10)
fill(242, 249, 249)
rect(85,110,100,70)
fill(242, 249, 249)
rect(215,111,100,70)
fill(0,0,0)
ellipse(114,232,60,60)
fill(0,0,0)
ellipse(280,232,60,60)
fill(143, 143, 143)
ellipse(114,233,30,30)
fill(143, 143, 143)
ellipse(280,233,30,30)
fill(230, 215, 162)
ellipse(281,158,40,40)
fill(255,255,255)
ellipse(274,155,10,12)
fill(255,255,255)
ellipse(288,156,10,12)
fill(0,0,0)
ellipse( 281,171,15,10)
strokeWeight(2)
stroke(184, 39, 8)
text("we have FREE cookies! just come in our van!", 83,105)
text("HELP!" ,231,132)

}
```

https://9-robot-or-car-project-ryderr1.6b2-fall2021.repl.co/



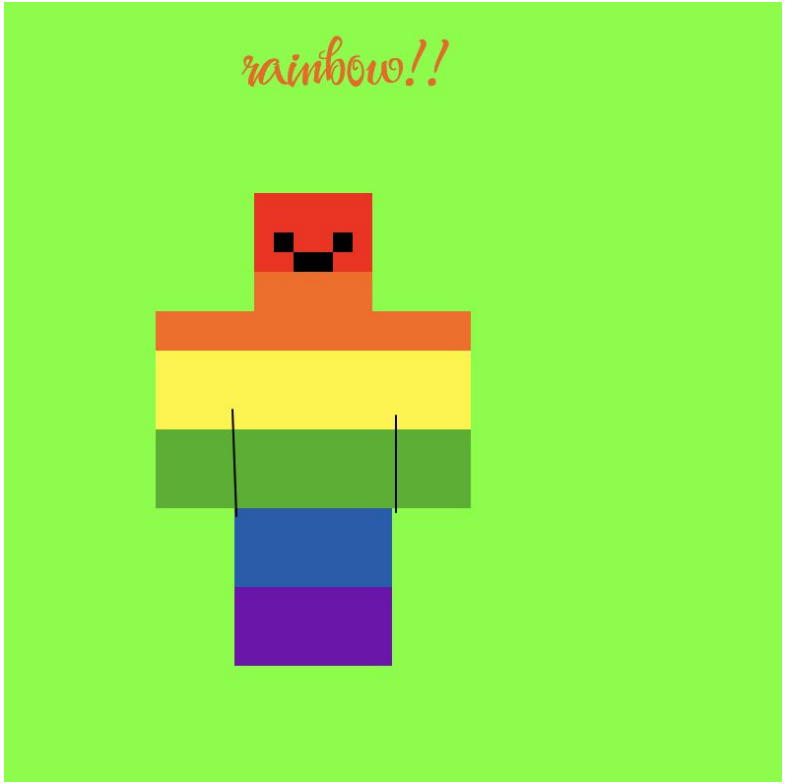

```
let img;
function preload() {
img = loadImage("grid.jpg");
}

function setup() {
  createCanvas(400,400);
  textFont("Qahiri")
}


function draw() {
background(0, 255, 234 );

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
fill(182, 182, 182 )
rect(0,220,400,60,5)

fill(248, 255, 0 )
rect(0,230,400,10,5)

rect(0,255,400,10,5)



beginShape();

fill(50,50,50)
vertex (80,240)
vertex (80,220)
vertex (180,160)
vertex (300,200)
vertex (280,240)
vertex (260,240)
vertex (260,220)
vertex (220,220)
vertex (220,240)
vertex (140,240)
vertex (140,220)
vertex (100,220)
vertex (100,240)
vertex (80,240)



endShape();

fill(0,0,0)
ellipse(120,240,40,40)

ellipse(240,240,40,40)


beginShape();
vertex (115,210)
vertex (180,170)
vertex (240,190)
vertex (240,205)
vertex (115,210)
endShape();


text("tesla", 100,50);
text("cybertruck",100,75);
textSize(30);



}
```

https://9-robot-or-car-project-milesstylman.6b2-fall2021.repl.co/



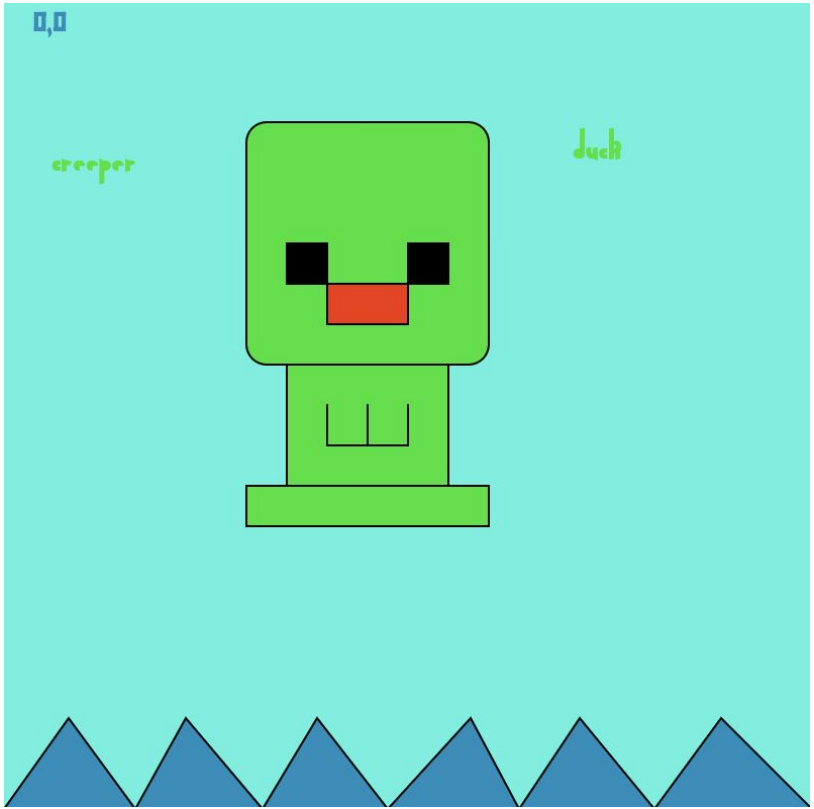

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(196,51,255);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
fill(73,255,51)
triangle(180,160,161,197,210,200)
triangle(239,156,209,197,248,202)
quad(249,204,244,267,107,268,109,198,)
fill(51,167,255)
circle(127,180,40,)
fill(255,108,51)
circle(127,180,20)
fill(255,66,51)
circle(143,231,35)
circle(215,230,35)
fill(51,167,255)
circle(134,280,40)
fill(255,108,51)
circle(134,280,20)
fill(51,167,255)
circle(187,284,40)
fill(255,108,51)
circle(187,284,20)
fill(51,167,255)
circle(226,286,40)
fill(255,108,51)
circle(226,286,20)
}
```

https://9-robot-or-car-project-hugot2.6b2-fall2021.repl.co/
(click for interactivity!)



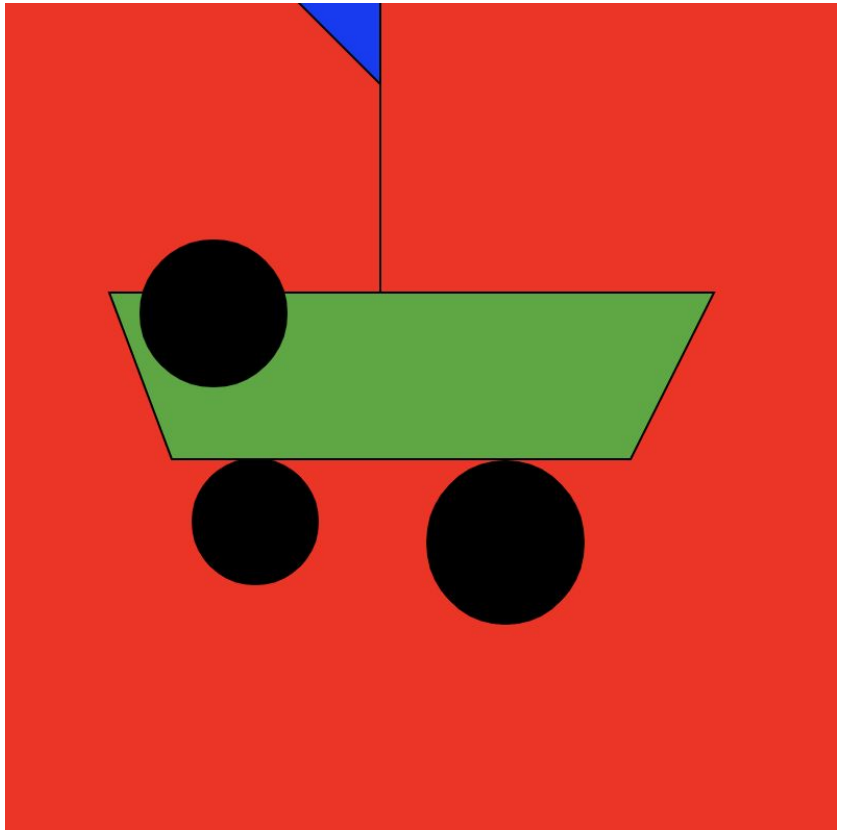

```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);
textFont("Festive")
}

function draw() {
  background(mouseY,mouseX,0);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  //image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  //text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below
 strokeWeight(0)
fill(255, 7, 0)
rect(130,100,60, 50)
fill(255, 101, 0)
rect(130,140,60,20)
rect(80,160,160,20)
fill(255, 243, 0)
rect(80,180,160,40)
fill(53, 176, 8)
rect(80,220 ,160,40)
fill(8, 94, 176)
rect(120,260,80,40)
fill(115, 8, 176)
rect(120,300,80,40)
fill(0)
rect(140,120,10,10)
rect(170,120,10,10)
fill(0)
rect(150,130,20,10)
fill(0)
strokeWeight(1)
line(121,264,119,210)
line(202,262,202,213)
fill(mouseX,mouseY,1)
textSize(35)
text("rainbow!!",125,45)


}
```

https://9-robot-or-car-project-willa-raer.6b2-fall2021.repl.co/
(Click for interactivity!)




```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);
  textFont("Qahiri")
}

function draw() {
  background(83, 240, 223);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  // image(img, 0, 0, 400, 400)

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);

 // code your robot or car below


//head and body
fill(mouseX, 225, 42)
rect(120, 60, 120, 120, 10)
fill(0)
rect(140, 120, 20, 20)
fill(246, 50, 0)
rect(160, 140, 40, 20)
fill(0)
rect(200, 120, 20, 20)
fill(mouseX, 225, 42);
rect(140, 180, 80, 60)

//hands
rect(120, 240, 120, 20)
line(160, 200, 160, 220)
line(160, 220, 180, 220)
line(180, 220, 180, 200)
line(180, 220, 200, 220)
line(200, 220, 200, 200)

//creeper duck words
textSize(20)
text("creeper", 24, 84)
text("duck", 282, 78)
fill(mouseX, 143, 188)

// grass
triangle(0, 400, 32, 355, 65, 400)
triangle(65, 400, 90, 355, 128, 400);
triangle(128, 400, 155, 355, 190, 400);
triangle(190, 400, 231, 355, 255, 400);
triangle(255, 400, 285, 355, 322, 400)
triangle(322, 400, 355, 355, 400, 400)









}
```

https://9-robot-or-car-project-cameronz1.6b2-fall2021.repl.co/



```
let img;
function preload() {
  img = loadImage('grid.jpg');
}

function setup() {
  createCanvas(400, 400);

}

function draw() {
  background(220);

  // To turn off the grid, comment out the next line
  // (put // in front of the line)
  image(img, 0, 0, 400, 400);

    //writes mouseX and mouseY variables on the canvas
  text(mouseX + " , " + int(mouseY), 15, 15);


 // code your robot or car below
 background(255, 10, 10)
fill(66, 168, 50)
quad(340,140,300,220,80,220,50,140)
line(180,0,180,140)
fill(7, 60, 250)
triangle(180,0,180,40,140,0)
fill(0, 0, 0)
ellipse(120,250,60,60)
ellipse(240,260,75,78)
ellipse(100,150,70)


}
```