



“Festive Pumpkin” Code

The JavaScript code used to program the festive pumpkin (picture shown below) follows on the next page.

Final result:





Code starts after this line.

```
/**VARIABLES**/  
var pumpkin = {  
  x : 180,  
  y : 196  
};  
  
/**BACKGROUND**/  
background(235, 254, 255);  
  
//Background Splashes  
fill(0, 174, 255);  
stroke(0, 174, 255);  
strokeWeight(79);  
line(200, 68, 200, 362);  
line(356, 52, 200, 200);  
line(95, 294, 234, 180);  
line(63, 117, 166, 180);  
line(338, 283, 166, 180);  
line(49, 200, 351, 200);  
//(Center)  
strokeWeight(1);  
ellipse(200, 200, 200, 200);  
  
/**PUMPKIN**/  
  
//Pumpkin  
//General styles  
noStroke();  
fill(255, 204, 0);  
//Main shape  
ellipse(pumpkin.x, pumpkin.y, 150, 150);  
ellipse(pumpkin.x + 40, pumpkin.y, 150, 150);  
//Lines  
stroke(240, 162, 120);  
ellipse(pumpkin.x + 20, pumpkin.y, 150, 150);  
ellipse(pumpkin.x + 20, pumpkin.y, 76, 150);  
ellipse(pumpkin.x + 20, pumpkin.y, 0, 150);
```



```
//Pumpkin Stem  
fill(24, 120, 46);  
stroke(9, 51, 10);  
rect(pumpkin.x + 8, pumpkin.y - 93, 24, 21);
```

```
//Eyes  
  //General styles  
  strokeWeight(4);  
  stroke(0, 0, 0);  
  noFill();  
  //Eyes  
  arc(156, 204, 36, 37, 180, 360);  
  arc(244, 204, 36, 37, 180, 360);
```

```
//Mouth  
strokeWeight(1);  
fill(245, 161, 59);  
stroke(255, 111, 0);  
arc(200, 217, 50, 60, 0, 180);
```

End of code.