



“Halloween Pumpkin” Code

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

Final result:





Code starts after this line.

```
/**VARIABLES & FUNCTIONS**/  
var drawCloud = function(xPos, yPos){  
  noStroke();  
  fill(13, 13, 13, 240);  
  ellipse(xPos, yPos, 75, 65);  
  ellipse(xPos + 40, yPos, 75, 65);  
  ellipse(xPos + 40, yPos - 25, 75, 65);  
  ellipse(xPos + 80, yPos, 75, 65);  
};
```

```
/**SETTING**/
```

```
//Sky  
background(0, 0, 0);
```

```
//Moon  
fill(255, 255, 255, 3);  
ellipse(76, 76, 200, 200);  
fill(189, 183, 182);  
ellipse(76, 76, 100, 100);
```

```
//Clouds  
drawCloud(-25, 101);  
drawCloud(107, 56);
```

```
//Grass  
fill(3, 26, 4);  
rect(-1, 313, 401, 87);
```

```
/**PUMPKIN**/
```

```
//Pumpkin Body  
  //General styles  
  noStroke();  
  fill(69, 65, 56);  
  //Main shape  
  ellipse(180, 240, 150, 150);
```



```
ellipse(220, 240, 150, 150);  
//Lines  
stroke(59, 53, 52);  
ellipse(200, 240, 150, 150);  
ellipse(200, 240, 76, 150);  
ellipse(200, 240, 0, 150);  
  
//Pumpkin Stem  
fill(30, 36, 31);  
stroke(9, 51, 10);  
rect(188, 147, 24, 21);  
  
//Pumpkin Eyes  
stroke(122, 42, 42);  
fill(232, 35, 35);  
triangle(150, 230, 158, 206, 185, 230);  
triangle(215, 230, 242, 206, 250, 230);
```

End of code.