

Quiz (4/8/2018)

Create JavaScript projects for the following questions.

(Use <https://www.khanacademy.org/computer-programming/new/pjs>)

1. Write a program to draw microsoft logo. (30 points)



2. Add company name next to the logo like the following: (20 points)



3. Make the logo (not the text) follow your mouse point. When your mouse moves, the logo also moves with your mouse. (30 points)

4. Fill in the blank so that the code will print out the text on the right. (20 points)

```
textSize(10);  
var fruits = ["Orange", _____, "Pear", "Banana"];  
for (var i = 0; i < _____.length; ____ ) {  
  text(fruits[____], 10, 100+i*10);  
}
```

Orange
Apple
Pear
Banana

```
var drawLogo = function(x, y, size) {  
  var space = size / 10;  
  noStroke();  
  fill(246, 83, 20);  
  rect(x,y,size,size);  
  fill(124, 187, 0);  
  rect(x+size + space,y,size,size);  
  fill(0, 161, 241);  
  rect(x,size+y+space,size,size);  
  fill(255, 187, 0);  
  rect(x+size + space,y+size+space,size,size);
```

```
};
```

```
draw = function() {  
  background(255, 255, 255);  
  drawLogo(mouseX,mouseY,30);  
  fill(0, 0, 0);  
  textSize(45);  
  var f = createFont("Segoe");  
  textFont(f);  
  text("Microsoft", 170,150);
```

```
};
```