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# SCPP CS Project

8/02/2016

Lecture 9

Quiz

Drawing

Administrivia

Conditionals

Magna Doodle



## Lecture 9

### Quiz

Administrivia

Conditionals

Magna Doodle

1. a) When is the draw() function executed?  
b) How many times is it executed?

2. Look at the code below:

```
void setup() {  
  size(300,300);  
}  
void draw() {  
  fill(255,255,255);  
  rect(0,0,300,300);  
  stroke(0,0,0);  
  line(150,150,mouseX,mouseY);  
}
```

- a) What will the line(...) function above do?
- b) How many lines will you see on the screen?

Line Function  
API documentation

->

Syntax	line(x1, y1, x2, y2) line(x1, y1, z1, x2, y2, z2)	
Parameters	x1	int or float: x-coordinate of the first point
	y1	int or float: y-coordinate of the first point
	z1	int or float: z-coordinate of the first point
	x2	int or float: x-coordinate of the second point
	y2	int or float: y-coordinate of the second point
	z2	int or float: z-coordinate of the second point
Returns	None	

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Demo:

[www.cs.cmu.edu/~merichar/scpp](http://www.cs.cmu.edu/~merichar/scpp)

– click on Assignments

Get to it..

APIs are still at...

**[processing.org/reference](http://processing.org/reference)**

