



comp1511 week 3

starting 5 minutes past the hour

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today:

- variable naming style (kahoot!)
- structs
- while loops
 - things to remember when setting them up
 - common errors
- 2D while loops

announcements:

- **weekly tests:** more information coming soon
- **assignment:** will be released next week!

questions?

kahoot!

<https://play.kahoot.it/v2/?quizId=b79078b0-a08a-47ea-84ff-02023543eff6>



code demos!

2D loops

```
./square
```

```
Enter size: 5
```

```
*****
```

```
*****
```

```
*****
```

```
*****
```

```
*****
```

		col →			
		0	1	2	3
row ↓	0				
	1				
	2				
	3				

col →

	0	1	2	3	
0					\n
1					\n
2					
3					

row ↓

Modifying square.c to print different patterns

```
./diagonal
```

Enter an integer: 10

* _ _ _ _ _
_ * _ _ _ _ _
_ _ * _ _ _ _
_ _ _ * _ _ _
_ _ _ _ * _ _
_ _ _ _ _ * _
_ _ _ _ _ _ *
_ _ _ _ _ _ _ *
_ _ _ _ _ _ _ _ *

```
./triangle
```

Enter number: 5

```

- - - - *
- - - * *
- - * * *
- * * * *
* * * * *

```

./bars

Enter an integer: 9

[illegible]