



CSCI 141

Scott Wehrwein

Nested while loops

Goals

- Understand how to use **nested** `while` loops

Nesting while loops

Why not?

What does this code print?

```
i = 1
while i < 3:
    j = 0
    while j < 3:
        print(i * j, end=" ")
        j += 1
    print()
    i += 1
```



Nesting while loops

- Why not?
- Demo: print out all possible rolls of two dice.



1,1	2,1	
1,2	2,2	
1,3	2,3	
1,4	2,4	...
1,5	2,5	
1,6	2,6	