

# COMP 141

CS1: Programming Fundamentals



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## Announcements

### Reminder

- Program 8 due tomorrow by 11:55pm
- Zybooks assignments due by midnight on Thursday, April 30<sup>th</sup>

Please fill out Course Evaluations!

### Final Exam

- Exam will be posted on Moodle at 8:30am on May 5th.
- Exam will be due by 11:55pm on May 6th
- Review packet on Course Website (solutions on Moodle)
- Details about Exam:
  - Allocate 2.5 hours (plus extended time if accommodation)
  - Upload your Answer Sheet to Moodle when finished.
  - Open book, open notes
  - You may use a calculator.
  - You may NOT discuss the exam with anyone else.
  - You may NOT open IDLE/Python IDE and try out code during the exam.

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## List of Topics to Review

- Functions
- Local vs. Global Variables
- If/Else Statements
- For Loops
- While Loops
- Nested Loops
- Reading/Writing to/from Files
- Strings
- Lists
- 2-D Lists
- Simple Graphics package

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## Quiz 10

```
def main():
    grid = [[2, 3], [4, 5], [6, 7]]
    newL = []
    for col in range(len(grid[0])):
        total = 0
        for row in range(len(grid)):
            total += grid[row][col]
        newL.append(total)
    print(newL)
```

main()

Output  
[12, 15]

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