Challenges Completed

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Problem 1

Introduction (7/7):

1. Say "Hello, World!" With Python
2. Python If-Else
3. Arithmetic Operators
4. Python: Division
5. Loops
6. Write a function
7. Print Function

Data types (6/6):

1. List Comprehensions
2. Find the Runner-Up Score!
3. Nested Lists
4. Finding the percentage
5. Lists
6. Tuples

Strings (13.5/14):

1. sWAP cASE
2. String Split and Join
3. What's Your Name?
4. Mutations
5. Find a string
6. String Validators
7. Text Alignment
8. Text Wrap
9. Designer Door Mat
10. String Formatting
11. Alphabet Rangoli
12. Capitalize!
13. The Minion Game (seems correct but it isn't inefficient enough)
14. Merge the Tools!

Sets (13/13):

1. Introduction to Sets
2. No Idea!
3. Symmetric Difference
4. Set .add()
5. Set .discard(), .remove() & .pop()
6. Set .union() Operation
7. Set .intersection() Operation

8. Set .difference() Operation
9. Set .symmetric_difference() Operation
10. Set Mutations
11. The Captain's Room
12. Check Subset
13. Check Strict Superset

Collections (8/8):

1. collections.Counter()
2. DefaultDict Tutorial
3. Collections.namedtuple()
4. Collections.OrderedDict()
5. Word Order
6. Collections.deque()
7. Company Logo
8. Piling Up!

Date and Time (2/2):

1. Calendar Module
2. Time Delta

Exceptions (1/1):

1. Exceptions

Built-ins (3/3):

1. Zipped!
2. Athlete Sort
3. ginortS

Python Functionals (1/1):

1. Map and Lambda Function

Regex and Parsing challenges (5/17):

1. Detect Floating Point Number
2. Re.split()
3. Group(), Groups() & Groupdict()
4. Re.findall() & Re.finditer()
5. Re.start() & Re.end()

XML (2/2):

1. XML 1 - Find the Score
2. XML2 - Find the Maximum Depth

Closures and Decorations (2/2)

1. Standardize Mobile Number Using Decorators
2. Decorators 2 - Name Directory

Numpy (9/15):

1. Arrays
2. Shape and Reshape
3. Transpose and Flatten
4. Concatenate
5. Zeros and Ones
6. Eye and Identity
7. Array Mathematics
8. Floor, Ceil and Rint
9. Sum and Prod

Problem 2 (6/6):

1. Birthday Cake Candles
2. Number Line Jumps
3. Viral Advertising
4. Recursive Digit Sum
5. Insertion Sort - Part 1
6. Insertion Sort - Part 2