Python Day 1 (Monday)

Started python from youtube
First lecture:
https://www.youtube.com/watch?v=t2_Q2BRzeEE&list=PLGjplNEQ1it8-0CmoljS5yeV-GlKSUEt0
Things learned:

- Data Types (string,int,float,bool)
- Print sum
- Comment in python
- Operators in python
- Input in python
- Type conversion in python
- First program using data type
- practice

Second lecture:
https://www.youtube.com/watch?v=IIId8IDP6TU&list=PLGjplNEQ1it8-0CmoljS5yeV-GlKSUEt0&index=2
Things learned:
string(concatenation,indexing,slicing,len)
Conditional statement(if,elif,else)nested also
practice
Third lecture:
https://www.youtube.com/watch?v=qVyvmzFxF_o&list=PLGjplNEQ1it8-0CmoljS5yeV-GlKSUEt0&index=3
Things learned:

- List in python
- Difference btw list and string
- List methods
- Tuple in python
- Difference btw Tuple and list
- Tuple slicing
- Tuple method
- Practice:

Python Day 2 (Tuesday)
Fourth lecture:
https://www.youtube.com/watch?v=078tYSD7K8E&list=PLGjplNEQ1it8-0CmoljS5yeV-GlKSUEt0&index=4
Things learned:

- Dictionary in python
- Nested dictionary
- Dictionary method
- Set in python
- Set in method
- Practice

Fifth Lecture:
https://www.youtube.com/watch?v=S73thl0AyFU&list=PLGjplNEQ1it8-0CmoljS5yeV-GlKSUEt0&index=5

Things learned:

- Loops
- While loop(condition)
- Break
- Continue
- For loop
- Range()
- Pass keyword
- Practice

Python Day 3 (Wednesday)

Sixth lecture:
https://www.youtube.com/watch?v=OvTH-7ESoRA&list=PLGjplNEQ1it8-0CmoljS5yeV-GlKSUEt0&index=6

Things learned:

- Function in python
- Built in function
- User define function
- Function with parameter
- Recursive functions
- For loop and if else(Problem solving)

Python Day 4 (Thursday)

Seventh lecture:
https://www.youtube.com/watch?v=HeW-D6KpDwY&list=PLGjplNEQ1it8-0CmoljS5yeV-GlKSUEt0&index=8

- *Things learned:*
- Oop in python
- Classes and objects
- _ _init_ _ Function(constructor)
- Abstraction
- Encapsulation
- Polymorphism
- Practice:
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