TIME TABLE

I will try to send the resources of each day before u start studying them .And most of these take a much **longer time** and if some day u complete your task very soon, then try to start the next days . And most importat is revision. **Revise everyday** .

THURSDAY :

- Do Selection sort and Insertion and Bubble sort today.(3 hrs)
- Do Module-1 and Module-2 from from Lab-assignments.(compulsory) (2 hrs)
- Revise everything before u sleep and remember **Time Complexities** & **SPACE COMPLEXITIES (TC & SC)** of sorting algos. (before sleep)

FRIDAY :

- Watch recursion videos from takeuforward nearly 10-12 videos . u will get a basic idea about what is recursion(each video will be 20 mins average) Try to watch in 1.5x
- Watch quick sort and merge sort now and remember the TC and SC s (2hrs)
- Get to know about Arithmetic,comparision and logical operators in python (1 hr)
- Watch and do Module-3 from Lab assignments. (1 hr)
- Revise yesterdays concepts . (before sleep)

SATURDAY :

- Look into the basic normal data structures of python like (arrays,dictionaries,lists,sets,tuples,strings). Don’t worry of lot many . They will be very easy and u will complete fast I know. (2 hrs)
- Binary search and linear search algorithms and their TC and SC. (1 hr)

- Do Module 5 from lab assignments.(compulsory) (1 hr)
- Do stacks and queues from takeuforward .
- Revise all concepts from Thursday and Friday .

SUNDAY :

- Today very important**. OOPS (take half day)**
- OOPs from w3 schools. completely read and note them in your book.
- Loops (if,elif,else) and while,for loops (most of them will be covered while coding). (30 mins)
- Revise completely from all previous days learned concepts .
- Watch 1st 5 videos from LinkedList (only 1D LL is enough). From takeuforward. (2 hrs)
- Read and do python file handling and exception handling. (1 hr)
- Watch Graphs BFS and DFS algorithms (*) (1 -2 hr)

MONDAY :

Little heavy for Monday. Start early

- Watch complete Module 4 videos from the labs and assignments and try to code them if u have time. (take 3 hrs)
- prims & krushkals algorithms for Minimum spanning tree.Which is better. (1-2 hrs)
- Dikstras, Bellman ford shortest path algorithms. (2 hrs)
- Revise everything till date.

TUESDAY :

- What are Binary Trees and Traversal methods (inorder,preorder,postorder).
- What are Binary Search Trees.
- What are Heaps and Types.
- Why do we use Dynamic programming instead of recursion.
- Revise everything 1st and remember OOPs very well.

ALL THE BEST MOKSHI