

Questions from Others

18 October 2024 15:58

Questions from Krushna ->

- Conceptual coding ->
- STL ->
- 2d array -> using pointers ,memory allocation, easist path
- String -> class implementation, reverse,substring
- linked list ->reverse,middlenode,intersecting
- lambda ->
- casting with coding ->
- smart pointer in detail ->
- Design pattern -> singleton,factory
- Threading conceptual coding -->
- move semantics ->
- Exception handling ->
- SQL...

Question from Darshan :

Vector
List
Map
Diff between map and multimap
Set specific bit of given integer
Socket programming
System calls used for socket programming
Git commands
Linux commands.
Shell script
Object oriented concepts (detailed with code, example)
Constructors(copy constructor and it's behaviours specifically)
Destructor
TCP/UDP(GS Lab project is in networking)
Friend functions/classes
Design Patterns (Factory and Singleton Specifically)
Smart Pointers
SQL queries (Joins wagaire)
Memory layout
Stack overflow issue
Program flow till execution (purn toolchain)
Recursion and it's working
Class baddal veglya veglya goshti, diamond issue..
Virtual baddal khup kahi..
Pure virtual..
Static functions,members



Interview
quitions

Questions from Suraj :

1. Write insert at position code for singly linked list
2. Write syntax for vector
3. Write code for singleton design pattern and explain
4. What are the feature of c++11
5. What is thread, critical condition, semaphore, concurrency
6. Write a code to implement queue logic
7. Tool chain vicharlei Mala
8. Move semantics
9. Smart pointer, implement the share pointer
10. What is upcasting
11. Shallow copy and deep copy
12. What is polymorphism, what is compile time and what is runtime, explain runtime polymorphism with virtual table
13. Write one code which covers all the oops concepts.
14. What is DLL/so its types and how to create DLL/so.
15. Implement the string class
16. Write code for factory design pattern
17. What are the different casting in c++
18. pointer to constant and constant to pointer code
19. Write code for copy constructor and assignment operator, object created and tell me which constructor get called?
20. What are the daily commands used in Linux.
21. If I want to search perticular word from file how we can do this using commandline in Linux,
22. What is multithreading?
23. BFS and DFS
24. Difference between malloc and new

Question from Panda :

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2. List
3. Map
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23. Class baddal veglya veglya goshti, diamond issue..
24. Virtual baddal khup kahi..
25. Pure virtual..
26. Static functions,members
27. Thread vs Process
28. Fork