**Datastructure:**

queue, link list, binary tree, stack, binary search, quick sort, merge sort,

linear search,

DFS

BFS

**Reference book : java**

**SCJP : : Kathy Sierra: core java**

**head first : Kathy Sierra: adv java : jsp, servet**

collection frameworks

1. difference between colletion and collections

2. tree sturture of colletions, classes

3. why collections and not arrays

4. diff list and set, map vs collections, arraylist vs linklist

5. legacy classes of colletion framework

6. node factol in collection

7. collections frameworks methods

8. multi threading, life cycle, start method, diff in start and run method

9. how synchornized keyword is used

10. how to impliment multithreading

11. methods: yield() , run(), start(), join() ?

12. exception handling, hierarchy, user defined exception, diff throw an throws

13. OOP with real time eg and code,

14. run time and compile time exception , 5 eg

15 String class: diff in string builder and string buffer class

16. string pool, head memory, stack memory

17. why string are immutable

18. eg : string objects and string methods

19. 6 methods of string

20. \*\* diff in == and equals()

21.Object class 6 methods

22. what are getters and setters methods

23. jdbc : 4 steps / 5 steps

24. diff in ClassNotFound() and ClassDefinetionNotFound()

**adv java**

1. life cycle of sevlet and jsp

2. diff serveltconfig() and servletcontext() methods

3. what are containers

4. tags in jsp

5. how many obj created in servlet

**structs**

1. frameworks behind structs

**garbage collection :**

diff in nodify() and nodifyAll()

code on garbage collection

**--C prog**

pattern program

string manipulation prog

matrix prog

for loop prog

Hi I am Abhishek

"Abhishek abc"

1

12

123

1234

simple stack program

String s1="shantanu"; : print only shan .. first 4 character.. charAT()

encapsulation code: ie use setter and getter and , and private attribute

jdbc connectivity :

resultset()

1 1 1

0 1 1

1 0 1

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site coding : hackerrank

elitmus exam : eng, quat, logical ; appti : 1000

appti : study smart video, mahendra guru