Mobileum - Manali Japal 4/08/2017

Round 1 - Jechnical Aphrude

- 1) (++
- 2) Java
- 3) Database
- 4) Quants & Logical.

Round 2 - Jau to Jau Interview.

- (conapts as well as coding They chick how much coding have you done Precise quistions what will happen if I write throw after printstack trace in earth what will happen if I write return after that throws, etc).
- 2) Multithreading (same as above)
 including Produces consumer code
- 3) Colliction API

suppose we have multiple objects of employee class and store them in a file Now write a code to retrieve them from file, sort them on basis of their age and display them.

4) Draw darabase smitture for given scenario.

that is and descrip which a seek way thoogs parks

- 2 quisies based on that structure
- 5) Basic Linux commands :
 - a) Is-al
 - b) command to find process id.

Mobilium

-) what is class defination in your words.
- 2) what is object.
- 2) Usez can Enter many elements and you don't have any Collection or structure or array . How can you manipulate (insect, update) data.
- 4) What are basic Dada structure.
- 5) what are the different ways to implement stack.
- c) write a program to implement stack wing link list.
- ohere you will we singleton class.

Cybage

- 1) Explain your project.
- 2) Data base quesies.
- 3) ACID properties.
- 4) Difference between quick and Merg sort.
- 5) Explain algorithm for quick sort. (Tell the worst condition in & Quick sort)
- 6) Write program to revetle the string.
- 7) Puzzel of 2 solid rops to measure 45 min
- 8) And in HR wateret cover in PPT they will cust question.

	Trigehi Charoft
	Sechnical Questions (Mobileum) DATE //
	Diff bid new of mailor?
	Diff. bid fave of delete?
	How malloe assign memory dynamically?
	When it is Compulsomy to Opervide finalize method?
	What is diff. bow Wait & Sleep?
	What is diff. blw Class Notfound Exception of Noclass Defforcer?
	What is diff. blw prepared Statement of Statement?
	What is Stack Oder Flow Ornor?
	Give the name of one Runtime Exception?
	What is insertion Some, quick Sout, Heapsour?
7	Time & space Complexity of sort of How we Can Calculate it?
	How Chess Board (Implemented & Which datastructure is
	Ised?
	Drite gury to find 2nd higher salarys
	Datastructure Sed in Set of Courts ?
	What is Dinkyal Destructor?
	How length Josiable is defined in array?
	-> Con. length
	-> But. Length Cur. site()
	-> avi, length()
	ovi. Length ()

Mobileum Sachin. Gotal

Technical.

1) Stack Implementations

2) Linked List Implementation

3) sight using Linked List

Y Threading -)

producer , Consumer

I was told to write code for each and every question

5) Dara Smichan hat can be used in Producer, Consiner if producer can produce a any amont of values and consumer of can consume any amount of values.

Akshay Kadam. -> Mobileum.

- 1) What is diff. bet Hashmap & Hash table ?
- 2). If two or more threads is accessing same variable then how can i guarantee their smooth access?
 - -> . By using synchronised block.
- Hash Map.
- 4) lulhy Hash Map as it is not thread safe.
- Because I can use synchronised block wherever logic demands.
- 5) Program for reversing a string.
- 6> Program for Singleton class. (Pseudo code).
- 7) Program for stack.
- 8) · Surry when two table contains 2 or more names & I want only 1 name at a time. The Name Mouth Marks.
 - -> Select distinct (Name) from table-name;

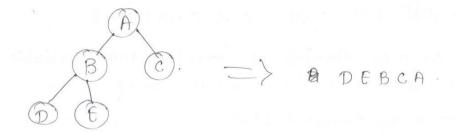
	No	Mame.	Month	Marks.
	1	Raj	June	20
	2	Raj	July.	25
	3	Aleshan	raay	15
I	4	Raj	Apr	10.

- 9). I would sum of marks in above table having some name.

 > Select name, and from table-name group by name.
- no like return -1, return a like this in case of exception of Now in java we throw exception by throws keyward to calling method what is advantage at both.

1) What is difference bet?

117. Give the postorder of below tree.



12)

- Omkar Malandkar -> Mobileum for C++
1st technical
→ Tell me about yourself.
> Why you like c++ & java.
> lathat is polymosphism.
- Give realtime example of polymorphism
-> main class
e void add (int a)
sin book is how ig! havely been to ever the world the
voint add (int *pro)
<i>\{</i>
Sharten with long word of amind the mile in
3
main ()
int a = 5;
int * phr;
odd (a); > How compiles know which f' to call
add $(fa); \rightarrow Hor$
Prosis (name manglling)
> How & What is copy constructor ?.
-) lathy (fort) in consmictor argument.

class A

add(
illy)

class B: A

add()

add()

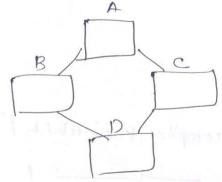
Class &A = new B()

A. add is is which function it vill call

what will have it many virtual keyword is used with

-> Why we use virtual?

to call?



7

don Dob = Den D ();

Object of class D and class

A har one methode disp.

Are: - using virtual leground,

How internally it solve using vistual keyword.

+ virtual teuble 9. what it holds ?

I How many virtual table pel class

of How many virtual printer per object

what is stack? implement stack using Link list, add publo, popl) implementation. to class. -> Threading in C++? What it muter of semaphone 2nd technical -> neverse string using recursion. > Treate tur dimensional array. m no. of nowr accept from uses, no of columns take from user, then print all elements. why we write theader and topp seperately. I create on heades A.h create class B finclude A.h create class c & include A.h and now I create one binamy file including all there (A. h, class B, class c) what will happen. Static abo () Storic a=1

y print a

mair() p-thread (Par abc ()); Par (1=0) 125; 1493 & five threadr call Pn technicar Class A staric void add (+ total 11 code-A radd int a = 5 A: 1 add (print (C)

write code and argument in hunchion add and function call such that cuill print value.

Now again centre code.