Object Edge   Mumbai

Software Testing

Vijay Kshirsagar.

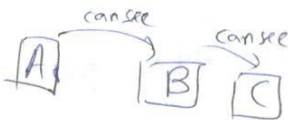① | Puzzles | ① | Apple | | orange | | Apple + orange | mislabeled Jaros

find out   correct one

②

can see   can see

| A | | B | | C |

3 Persons   3 cups on head   2 Red 1 blue
find out   cap on head of C   when A & B says Nothing

③

can see

| A | | B | | C |
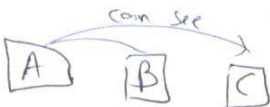
3 Persons   5 caps   3 Red 2 Blue
find out cap on head of C
When   A & B are quiet

①

⊢———————— Gold Rod ————————⊣
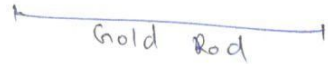
Worker works for 7days & you have to
Pay him wages daily
Condition ⑧ you can cut bar only 2 times

Hint :- you can exchange gold.

⑤ 1 doctor   3 Patients & 2 hand gloves   are available
Condition
one Patients blood should not mix with another blood
& blood should not touch hands of doctor

⑥ 2 Persons have fruits ⑧ if A gives 1 fruit to B
then they have equal no. of fruits, & if B gives
1 fruit to A then A has double than B,

Software Testing

vijay Kshirsagar

① What is manual testing?

② Write down test cases for an object (they give me AC Remo

③ What do you know about Automation testing?

④ Can you write code In Shell script, VB script which is required in Automation.

⑤ Why do you choose testing?

⑥ explain Software testing techniques.

⑦ Would you like to do S/w development if needed?

⑧ some questions about educational Background.

SWANAND C PANGAM

OBJECT EDGE

Intv Puzzles & Questions

1)
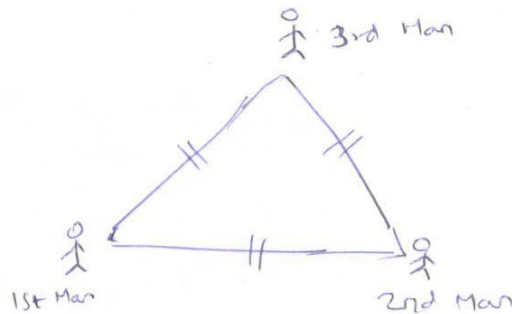
Equilateral Traingle

What is the probability that the three person's won't meet each other?

They all can move in any direction.

2) Explain CDAC Project

3) Project ER diagram

4) All Questions about problem solving abilities.
   - How you solve probl generally?
   - Your approach?

5) Role in Project.

6) 12 Database Rules [Hint: codd]

7) OOPS Concepts (with ex.)

8) URL Session

9) SQL Injection

17/Aug/2015   Object Edge   Saurabh Tajanpure

1] Puzzle asked In Interview
2] Explain B.E Project / CDAC Project ——→ Role in Project
                                      ——→ SDLC
3] Collection.   ——→ E-R Diagram
    - Diff ArrayList & Array   ——→ Aggregation
    - Array & Collection   Composition in
    - ArrayList & Vector   Project
    - Hashset & HashMap

4] What is Hashing Function ?
5] Synchronization. & Race-Condition.
6] Exception Handling ? Throw, Throws
7] Overiding / Overloading
8] Diff between procedure oriented, object oriented
9] Diff between Structure & classes.
10] What is Deadlock, Criticle Condition section,
    Semaphore
11] String pooling concept with program
12] Explain Code in Technical Round I.
13] OOPS Principles
14] How are they Implement in your Project.
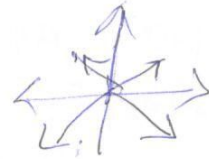15] equal and Hashcode Contract.
16] Servlet Execution flow
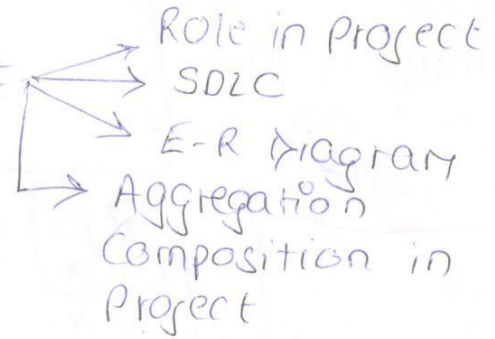
You are Given This matrix $\rightarrow \begin{bmatrix} 1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 1 \\ 0 & 1 & 0 & 0 \\ 0 & 1 & 1 & 1 \end{bmatrix} \rightarrow$ n×n matrix.
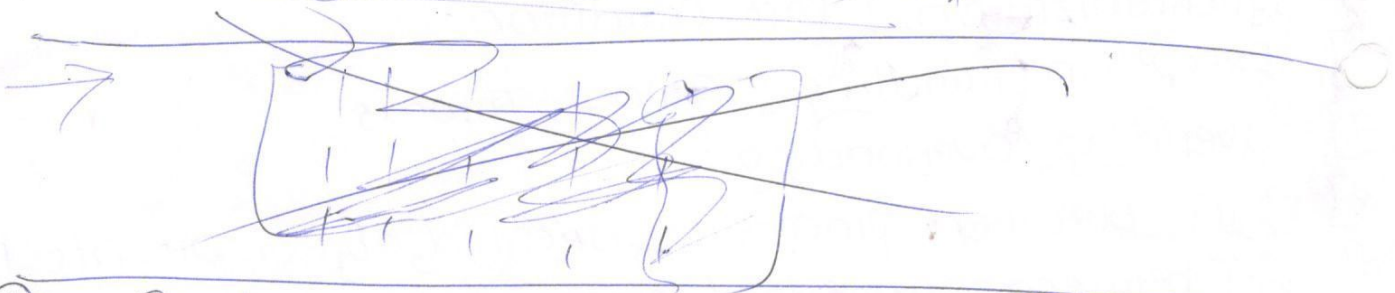
Mouse is positioned at Mat[0][0]

Mouse can go in Any direction

$\begin{bmatrix} X & 0 & 0 & 0 \\ 1 & X & 0 & 1 \\ 0 & X & 1 & 0 \\ 1 & X & X & X \end{bmatrix}$

"0" are Deadlocks
"1" are Live Blocks

Accept Deadlocks in a String format as follows.

Str = (x,y : x,y : x,y - - - - -) → Arr

(*):- Find the path for the mouse to reach the Last Position i.e Mat[n-1][n-1] Without going over Deadlock.

Assume $\begin{bmatrix} X & 0 & 0 & 0 \\ 1 & X & 0 & 1 \\ 0 & X & 0 & 0 \\ 0 & X & X & X \end{bmatrix}$

Rakshanda Pawar.

Objectedge

First Round :-

Given a n*n matrixe where all numbers are distinct, find the maximum length path (starting from any cell) such that all cells along the path are in increasing order with a difference of 1.

We can move in 4 directions from a given cell (j,j) i.e. we can move to (i+1, j) or (i,j+1) or (i-1, j) or (i,j-1) with the condition that the adjucent cells have a difference of 1

Second Round

Puzzels only

① find detected weight in 8 cubes using 2 weighings

② Using 3 ltr & 5 ltr bucket calculate 4 liters of water. ~~buckets having non.~~

③ 3 boxes are wrongly named as apple, orange and apple + orange, name them correct by only opening single box & checking a single fruit.

④ You have got someone working for u for seven days & gold bar to pay them. You must pay the worker for their work at the end of every day. if you are only allowed to make two breaks in gold bar, how do you pay your worker ? (Assume equal amount of work is done during each day thus requiring equal amount of pay for each day)

⑤ 3 black caps & 2 white caps randomly 3 caps are chosen & A, B, c are made to wear they are standing in queue & A can see B & C, B can only see C & C cant see anyone.

A is asked which cap are u wearing & Ans from
A was he don't knw B was asked which cap is he
wearing & B answered I dont know. But when
asked c. he gave answer
The question was ... which color cap was c
wearing?

⑥ Two strings which takes 60 min each to burn
then calculate 45 min.

⑦ ~~Surgon~~ 1 surgon — 2 pair of gloves
                    & 3 patients.

⑧ A takes 1 min to cross bridge
   B ——→ 2 min
   C ——→ 5 min ——→ 1 torch.
   D ——→ 10 min.
        calculate ~~min minutes~~ requires to cross
        bridge. by all four.