

## Dassault Systems

### Technical Interview.

- 1) your role in project.
- 2) Explain about your project
- 3) Draw E-R diagram of your project.
- 4) Draw table of your project.
- 5) ~~some queries of~~
- 6) Interviewer asked to write queries on the database  
(join queries)
- 7) write a program ~~of~~ for reverse a string using  
single array.

#### ④ Puzzle Round & Some logic program:

① For every second value increases

e.g. 1 sec  $\rightarrow$  1

2 sec  $\rightarrow$  2

3 sec  $\rightarrow$  4

4 sec  $\rightarrow$  16

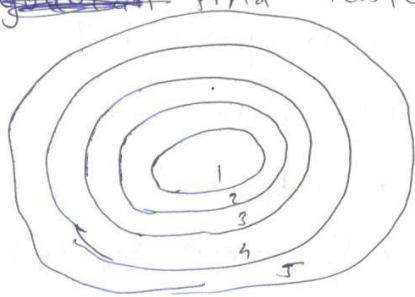
1 hr  $\rightarrow$  ?

if, In 9 hr Room filled up with these numbers:

① when it will be half?

② After 9 hr what will be value for (?)

② If there are 25 horses running in race,  
if you have only 5 tracks to run,  
How ~~can you~~ find fastest 3 horses?



#### ⑤ Round HR:

① Tell me about yourself?

② Tell me about your college project (B.E project)?

③ Tell me about your family background?

④ why you left your last job?

⑤ ~~what do you mean by~~  
what is definition for success?

⑥ what is your strength?

⑦ Have you lead the team before?

⑧ why you want to join our company?

⑨ ~~why~~ what do you know about DASALT system?

⑩

## DASSALT SYSTEM :

Nikhil Chaudhary

① Round (Aptitude) [level  $\rightarrow$  more than average]

Quantitative and Geometrical questions.

② Interview round

① 4 pillar of oops with example?

② write code for polymorphism? ~~in coding?~~

③ what is virtual destructor?

④ C logic for reverse string?

(use only one array)?

⑤ Database query to find sum of salary all department no=10;

⑥ Tell me about your project?

⑦ what was your role?

⑧ what will be the output?

(Java statements given by interviewer)

especially on inheritance & polymorphism)

③ round

programming Round (Any language)

① convert decimal to binary.

② find out all odd nos. from 1 to 200.

(use recursive only).

③ suppose we have two array in sorted manner

A[100] = { 1, 3, 4, ..., 3 }

B[100] = { 2, 6, 8, ..., 3 }

merge them and sort (with optimize code)

o/p

AB[200] = { 1, 2, 3, 4, 6, 8, ..., 3 }