**GS Inteview For Risk Management on (09-02-2015)**

**1st round: Java Programs**

1) Compute the sum of digits of the number 12345 i.e 1+2+3+4+5=15 RECURSIVELY

2)Array has 1000 elements ranges from 1 to 9. Count the occurrence of each digit in the array

**2nd Round:**

1)Given a file having 100 elements in random order. Sort them with the memory constraint that at a time only 10 elements can be stored in the memory

2) There’s an airplane, you are given some parameters like height, width etc you have to find its weight without using the weighing machine .

3) we have 8 weights with in them 7 are equal weights and 1 is not, by using the weighing machine in how many steps we will find the smallest one.

4) there is an 4\*4 matrix which contains 1’s and 0’s , if u find 0 in any combination like(eg: (0,0),(1,0)) that corresponding column and row should be 0.

**3rd Round:**

1). Some sql queries and correlated sub queries.

2) joins

3) what are things we have to consider in treemap and hashmap while giving object has a key.

**4th Round**

1. Project related questions?
2. remove the duplicate records from the table possible ways to find
3. find the 4th highest sal from the table , possible ways to find

All The Best