First Telephonic Round(flipkart) :

1) Given arrival and departure times of all packages that reach a warehouse, find the minimum number of slots required for the warehouse so that no package has to wait.We are given two arrays which represent arrival and departure times of packages.

Input: arr[] = {10:10:05, 10:30, 11:00, 14:00}

dep[] = {10:40:45, 12:00, 11:30, 14:10}

2) Clone a link-list with random pointer.

Second Telephonic Round(flipkart):

1) A cube is painted blue on all faces and divided into 125 smaller cubes of equal size .How many cubes are not painted on any face?

2) An array is given Arr[N]. Generate all the N number in the array randomly.

3) Take refernce : (**SPOJ EKO**) Lumberjack Mirko needs to chop down **M** metres of wood. It is an easy job for him since he has a nifty new woodcutting machine that can take down forests like wildfire. However, Mirko is only allowed to cut a single row of trees.

Mirko‟s machine works as follows: Mirko sets a height parameter **H** (in metres), and the machine raises a giant sawblade to that height and cuts off all tree parts higher than **H** (of course, trees not higher than **H** meters remain intact). Mirko then takes the parts that were cut off. For example, if the tree row contains trees with heights of 20, 15, 10, and 17 metres, and Mirko raises his sawblade to 15 metres, the remaining tree heights after cutting will be 15, 15, 10, and 15 metres, respectively, while Mirko will take 5 metres off the first tree and 2 metres off the fourth tree (7 metres of wood in total).

Mirko is **ecologically** minded, so he doesn‟t want to cut off more wood than necessary. That‟s why he wants to set his sawblade as high as possible. Help Mirko find the **maximum integer height** of the sawblade that still allows him to cut off **at least M** metres of wood.

4) 2n+1 number are given in an array where n pairs and 1 is single find the single element.

Ans: XOR all the element will give the result