GEP Coding Questions

1. Given the two different times find the how many seconds between them.
2. Given a string find the first non-repeating character.
3. Remove all the repeating characters from a given string and then print the string.
4. There are N people  in a row with some count (1<=i<=N) number of chocolates in their hands. we have to select a range of people and take all the chocolates with a condition that we should be able to distribute all those chocolates equally among M boxes placed there. Write a program to determine the maximum number of chocolates that can be placed in a box.
5. Write a code which could print the numbers from 1 to 100, without recursions, loops, got0 statements.
6. He asked me the smallest possible value of a number n. When the last digit of the number ‘n’ becomes the first digit. The new number becomes double the number ‘n’. For example if we have a number abcd then, dabc should be double the value of abcd. It’s **NOT** a 4 digit number. I just gave an example. It is actually a 18 digit number. I couldn’t tell him the number, but interviewer was impressed with the approach I came up with.
7. The question I had was on real-time alt+tab functioning of the keyboard where one had to figure out the left order of tabs after a user presses alt+tab ‘k’ times eg :

**Input:**

n=4

list={1,2,3,4}

k=3

**Output:**

{3,1,2,4}

**Explanation:**As the user presses the tab 3 times the first time he presses the actual queue of all open tabs appears in front of him and after the next two presses the 3rd window gets selected which keeps the remaining windows in following priority order {3,1,2,4}. The catch is to check if k>=n after handling this the code got accepted.