1. Accept string. Replace multiple consecutive occurrences of all characters by that character. For example, if the string is “aabcaDdefggggHHHijKK” then new string should be “abcDdefgHijK”.
2. Accept departure time and arrival time of a journey. Calculate the number of hours and minutes of the journey.
3. Print first 100 terms of following series.

1 2 4 7 11 16 22...........

1. Accept 10 values from user in a list. Accept a number from the user. Delete all the occurrences of that number from the list. Do not use any readymade method of the list.
2. Write a program to create a file that accepts SrNo, Name and Age of students. Stop when the user enters “0” as SrNo. After the file is created, read all records from the file and display how many students are Minor and how many are Major.
3. There are 100 persons in a circular queue. The first person has a sword in his hand. He kills the next person in the queue (person no 2) and passes the sword to the next person (person no 3) in the queue. The next person (person no 3) repeats the task of killing the next person in queue (person no 4) and passing on the sword to next person (person no 5). If this continues till only one person is left, what is the number of that person in the original queue.

Write a function that accepts a parameter which is number of persons in the queue. Find the number of the last person who remains alive.