1) Design a Multithreaded application that creates 2 threads. One thread function to display the given integer in reverse order and other thread function to find out the factorial of a given number.

2) An Address Book will allow a person to store the details of persons such as name, age, address, profession etc. Design an Address book class that manages a collection of Person objects and Throw an exception if the age of persons is more than 100.

3) Student details which includes Student number and Marks are stored in the student.txt file sequentially starting from number 1 to n (based on number of students in the class). Get the Student number as input and display the corresponding marks using random access file technique.