1. Write a function to insert numbers 0..\(n - 1\) into an array of size \(n\) randomly. Each number should appear in the array only once and the order of numbers in the array should be random. Prototype of the function is given below. \(data\) is an integer array and \(n\) is the size of the array.

   \[
   \text{void insertrandom(int data[], int n)}
   \]

2. Write a function \(issorted()\) that returns 1 if the array passed as a parameter is sorted in increasing order and returns 0 otherwise. Prototype of the function is given below. \(data\) is an integer array and \(n\) is the size of the array.

   \[
   \text{int issorted(int data[], int n)}
   \]