* 1. Write a program to search for an element from an array input from the user.
  2. **Inserting** an element into a position of an array. The element and the insertion point are inputs from the user.
  3. Write a program to find out the **maximum, minimum, median** and **mode** of an array of numbers.
  4. Find **k-th maximum** and **k-th minimum** from an array.
  5. Write a program to delete **duplicate** elements from an array.
  6. Write a program to **merge** two arrays removing the duplicate elements.
  7. Write a program to **merge** two sorted arrays.
  8. Take n numbers as input from the user. Find out their **GCD** (Greatest Common Divisor) and **LCM** (Least Common Multiple).