

# Arrays Practice Problems

1. Write a program in the following steps
  - a. Generates 10 Random 3 Digit number.
  - b. Store this random numbers into a array.
  - c. Then find the 2nd largest and the 2nd smallest element without sorting the array.
2. Extend the above program to sort the array and then find the 2<sup>nd</sup> largest and the 2<sup>nd</sup> smallest element.
3. Extend the Prime Factorization Program to store all the Prime Factors of a number n into an array and finally display the output.
4. Write a Program to show Sum of three Integer adds to ZERO

5. Take a range from 0 – 100, find the digits that are repeated twice like 33, 77, etc and store them in an array