**PRACTICE QUESTION # 2**

**Q1:** Write a c++ program that finds the union two arrays and store it in a third array. The union of two arrays will have different size then originals

**Q2**: Write a function that tells if an array has more even numbers or odd numbers

**Q3**: [Write a C program to swap first and last digits of a number](https://codeforwin.org/2016/01/c-program-to-swap-first-and-last-digit-of-number.html).

**Q4**: Rotate an array of size 10 to left and right, write the rotated array to a file

**Q5**: Write a function Print ASCII values and their equivalent characters. ASCII value varies from 0 to 255.

**Q6:** [Write a C++ program to find frequency of each digit in a given integer](https://codeforwin.org/2016/10/c-program-to-count-frequency-of-digits-in-number.html).

**Q7:** [Write a C++ program to print multiplication table of any number](https://codeforwin.org/2015/06/c-program-to-print-table-of-any-number.html).

**Q8**: [Write a C++ program to calculate product of digits of a number](https://codeforwin.org/2015/06/c-program-to-calculate-product-of-digits.html).

**Q9**: A three digit number is called Armstrong number if sum of cube of its digit is equal to number itself.  
E.g.- 153 is an Armstrong number because (13)+(53)+(33) = 153.  
Write all Armstrong numbers between 100 to 500.

**Q10**: Write a C program to find prime factor of a number.  
If a factor of a number is prime number then it is its prime factor.