1. Write function to compare whether the elements in two arrays are same.
2. Write a function **get-grade-count()** which returns the number of students who are in the same grade. The required grade to be given to the function.
3. Add some grace marks to the internal scores. Care should be taken such that after adding grace, score should not exceed the max marks (50). Marks to be added are 45 -49 2 marks, 40 – 44 3 marks, 35 – 39 4 marks, 30 – 34 5 marks 25 – 29 it will be 6 marks. Those who scored less than 25, marks are boosted to 25. Check whether added marks are correct using assert.
4. Sort the numbers in ascending and descending order.
5. Compute first 3 maximum numbers in the given list.
6. Check whether the string is a palindrome or not.
7. Count number of vowels in string.
8. Given a vowel count the number of occurrence in string
9. Implement your own string handling functions like string-length, string-copy, string-copy-nchars, string-concatenate
10. Write a function that splits the full name store in one array into first-name, middle-name and last-name. Names are separated by blank spaces.
11. Write a function which checks whether a pattern is present in the given sentence. If pattern is present, return the starting index.
12. Modify the previous problem such that pattern may occur at multiple locations. Give the starting indices of the pattern.