

Exercise - 4

1. Write a Java program to search for an element in a given list of elements using linear search.
2. Write a Java program to search for an element in a given list of elements using binary search.
3. Write a Java program to check whether the given string is a palindrome or not.
4. Write a Java program to find the frequency of a character in a given string.
5. Write a Java program to find the frequency of a substring in a given string.
6. Write a Java program to sort an array of strings.
7. Write a Java program to swap two values using call-by-value and call-by-reference.
8. Write a Java program to demonstrate static variables, methods and blocks.
9. Write a Java program to demonstrate method overloading and constructor overloading.
10. Write a Java program to demonstrate use of this keyword.