**Write Java Code for the below outcomes:**

1. Calculate Area of a Circle
2. Calculate Perimeter of a Circle
3. Calculate Area of a Rectangle
4. Calculate Perimeter of a Rectangle
5. Swap the values of two Numbers
6. Swap the values of two Numbers without using Third Variable
7. Use the Shift operators and display the result.
   1. 20 << 2
   2. 20 >> 2
   3. 20 >>> 2
8. Calculate Factorial of a Number
9. Calculate Factorial of a Number using Recursion
10. Reverse a Number and display it
11. Implement a Bubble Sort
12. Search for a particular element in Array, in case it is found, exit from loop and display the search result.(Use break)
13. Display all elements of an array from 1-10 except 7 (use continue).