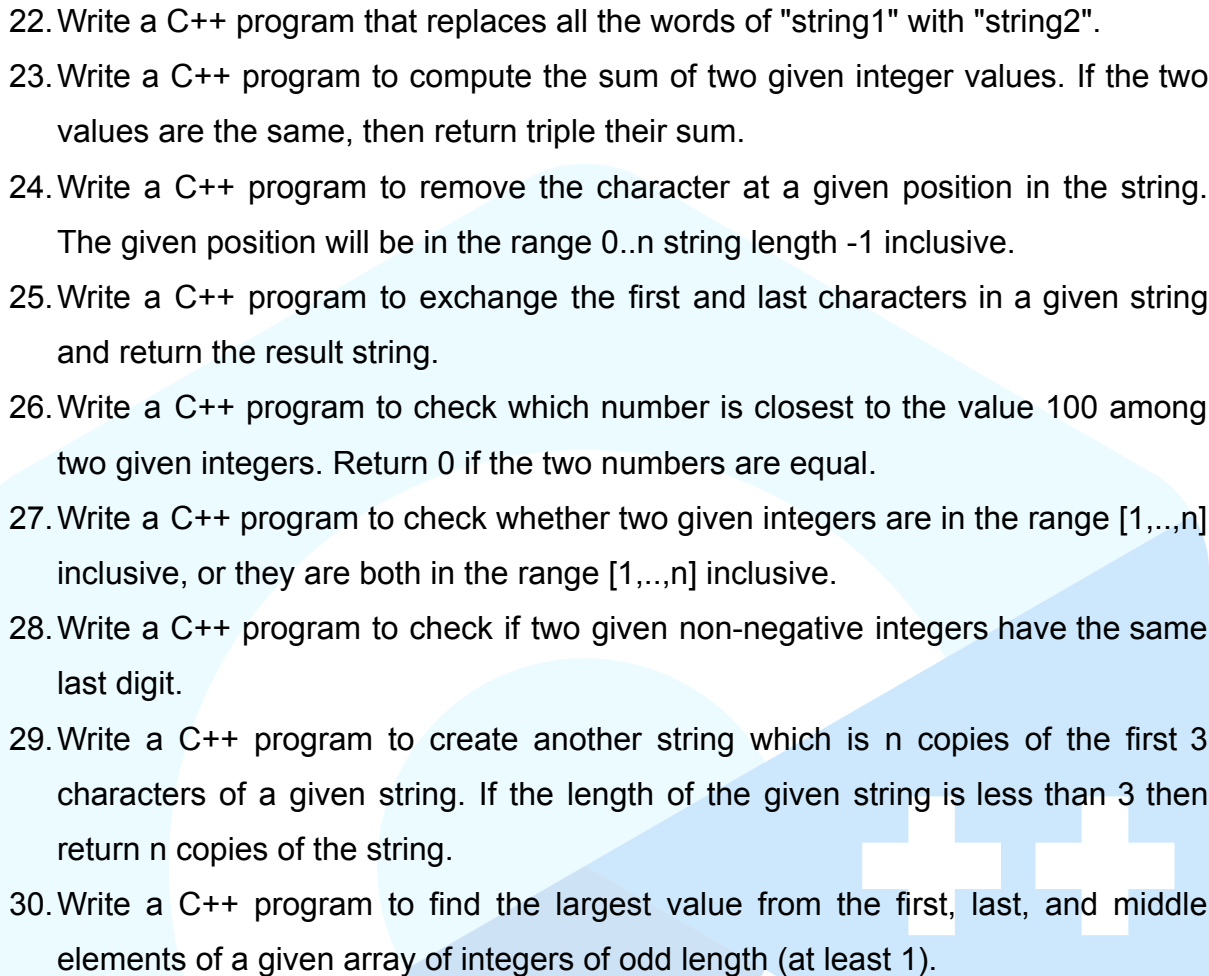1. Write a program to print values of variables of different data types.
2. Write a program to read and print values of variables of different data types.
3. Write a program to calculate the area of a triangle using herons formulae.
   *(area = sqrt(S*S-a)*(S-b)*(S-c)))*.
4. Write a program to calculate the distance between two points.
5. Write a program to perform addition ,subtraction, multiplication division and modulo division on two integer numbers.
6. Write a C++ program to perform addition ,subtraction, multiplication division and modulo division on two floating point numbers.
7. Write a C++ program that demonstrates the use of relational operators.
8. Write a C++ program to illustrate the use of unary prefix increment and decrement operators.
9. Write a C++ program to illustrate the use of unary postfix increment and decrement operators.
10. Write a C++ program to find the largest of two numbers using the ternary operator.
11. Write a C++ program to find the largest of three numbers using the ternary operator.
12. Write a C++ program to demonstrate the use of assignment operators.
13. Write a C++ program to calculate the area of a circle.
14. Write a C++ program to read a character in uppercase and then print it in lowercase.
15. write a C++ program to print the digit at one's place of a number.
16. Write a C++ program to swap two numbers without using a temporary variable.
17. Write a C++ program to swap two numbers with a temporary variable.
18. Write a C++ program to calculate the average of two numbers. Print their deviation.
19. Write a C++ program to convert degrees fahrenheit into degrees celsius.
20. Write a C++ program to calculate the total amount of money in the piggy bank given the coins of Rs.10, Rs.5, Rs.2, Rs.1.
21. Write a C++ program to swap the first and last digits of any number.

22. Write a C++ program that replaces all the words of "string1" with "string2".

23. Write a C++ program to compute the sum of two given integer values. If the two values are the same, then return triple their sum.

24. Write a C++ program to remove the character at a given position in the string. The given position will be in the range 0..n string length -1 inclusive.

25. Write a C++ program to exchange the first and last characters in a given string and return the result string.

26. Write a C++ program to check which number is closest to the value 100 among two given integers. Return 0 if the two numbers are equal.

27. Write a C++ program to check whether two given integers are in the range [1,..,n] inclusive, or they are both in the range [1,..,n] inclusive.

28. Write a C++ program to check if two given non-negative integers have the same last digit.

29. Write a C++ program to create another string which is n copies of the first 3 characters of a given string. If the length of the given string is less than 3 then return n copies of the string.

30. Write a C++ program to find the largest value from the first, last, and middle elements of a given array of integers of odd length (at least 1).