JAVA Programs

1. To determine the volume of a cone by using the formula.
2. Java Program to find LCM of two numbers.
3. Java Program to replace the spaces of a string with a specific character.
4. Create a class which asks the user to enter a sentence, and it should display the count of each vowel type in the sentence. The program should continue till the user enters the word "quit". Display the total count of each vowel for all sentences.
5. Write a Java method to compute the future investment value at a given interest rate for a specified number of years.
6. Define a class student having roll_number as data member and two functions get_number() and put_number(). Derive a class test from a class student having marks of two subjects and two member functions two get and display marks. Derive a class result from a class test having total_marks as data member and a display function.
7. Define a circle class with radius as data member, Add necessary constructors and member function to compute area of circle. Class should overload the = = operator to compare two circle objects whether they are equal in radius. Demonstrate its use in main().
8. Write a Java program that takes the user to provide a single character from the alphabet. Print Vowel or Consonant, depending on the user input. If the user input is not a letter (between a and z or A and Z), or is a string of length > 1, print an error message.
9. Write a program that accepts three numbers from the user and prints "increasing" if the numbers are in increasing order, "decreasing" if the numbers are in decreasing order, and "Neither increasing or decreasing order" otherwise.