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| Sr. No. | Title |
| 1 | Install JDK, set the variables and write program to print hello message on the output screen |
| 2 | Install C#, set the variables and write program to print hello message on the output screen |
| 3 | The Fibonacci sequence is defined by the following rule. The first 2 values in the sequence are 1, 1. Every subsequent value is the sum of the 2 values preceding it. Write a C++/C#/Java program that uses both recursive and non recursive functions to print the nth value of the Fibonacci sequence. |
| 4 | Write a Java/C#/C++ program that checks whether a given string is a palindrome or not. Ex: MADAM is a palindrome |
| 5 | Write a Java/C#/C++ program to create an abstract class named Shape that contains two integers and an empty method named print Area (). Provide three classes named Rectangle, Triangle and Circle such that each one of the classes extends the class Shape. Each one of the classes contains only the method print Area () that prints the area of the given shape |
| 6 | Design a class using C++/C#/Java to represent a Student details include the Student ID, Name of the student, branch, year, location and college. Assign initial values using constructor. Calculate average of marks of 6 subjects and calculate attendance percentage. |
| 7 | Write a C++/C#/Java program that implements a multi-thread application that has three threads. First thread generates random integer every 1 second and if the value is even, second thread computes the square of the number and prints. If the value is odd, the third thread will print the value of cube of the number |
| 8 | Write a program to find the average of n numbers. Use the input through the keyboard during run time. The program must read the value of n first. If the input n happens to be zero or negative a suitable user defined Exception should be thrown. If it is not possible to convert the input into an integer, then NumberFormatException must be thrown, Use suitable try-catch blocks. After reading n values successfully, we must read the integer values of the array a[ ]. Each input string must be converted into integer. So, use NumberFormat Exception appropriately. |
| 9 | Write a java program that prints the meta-data of a given table. |