Java Exam

Set-1

Java program to create a matrix and fill it with prime numbers In this java program, we are creating a matrix and filling the matrix elements with prime numbers starting from 1. Submitted by IncludeHelp, on December 30, 2017

Given number of rows and cols of a matrix and we have to fill it with the prime numbers using java program.

Example:

Input: Rows: 3 Cols: 3

Output: Matrix: 2 3 5 7 11 13 17 19 23

2.Count number of vowels in a String ”Mississippi” and remove the vowels form the string

3. Create a student class with name, roll number, marks as properties and create a students array with the students.

Override toString method to display student details. And read input from user to display student detials of at given position. Ex: If user enters 1 display the details at position one in the array.

4.Create an abstract class, called Instrument which has a property of name and an abstract method play. Now define a sub-class called StringedInstrument(abstract class) of parent class Instrument class and adds an extra field called numberOfStrings. Add two more classes that implement the functionality of a StringedIntrument, called ElectricGuitar and ElectricBassGuitar accordingly. Finally, create a new class called Execution that contains a single main method: