

Write a MySQL Query for the below requirement					
User Table : User_id 1 User_name Had User_mobile 790450194					
Comment Table Comment "Awesome" User_id 1 Total_likes 20					
Get the User details along with Comment Details where the Total_likes > 3					
Implementation Java 1.8 Code to get the longest String from the given List LSP-String words = Arrays.asList("Geek", "Geeks", "to", "GeeksGeek", "GeeksforGeeks");	MySQL - Querying	Java	Hard		Coding
Complete the Code :	Problems Java 1.8	Java	Hard		Coding
import java.util.ArrayList; import java.util.List; import java.util.stream.Stream; class Product { int id; String name; float price; public Product(int id, String name, float price) { super(); this.id = id; this.name = name; this.price = price; } } public class LambdaExpressionExample11 { public static void main(String[] args) { LSP-Product<P> list=new ArrayList<Product>(); list.add(new Product(1,"Samsung A9",17000)); list.add(new Product(2,"Iphone 6S",50000); list.add(new Product(3,"Sony Kovar",35000); list.add(new Product(4,"Nokia Lumia",15000); list.add(new Product(5,"Huawei",28000); list.add(new Product(6,"Samsung Vibe",16000); } }					
Write the Java 1.8 Code Here to complete the requirement 1. using lambda to filter data and display the Product then iterate through collection details based on the condition price >					
} } }					
What is Group By in MySQL / Postgres?					
Database	Java		Easy		Single Line Test
What is Transaction in MySQL / Postgres?					
Database	Java		Easy		Single Line Test
How do you rename a table?					
Database	Java		Easy		Single Line Test
What is use of MySQL Dump Query?					
Database	Java		Easy		Single Line Test
Difference between MongoDB and Postgres					
Database	Java		Easy		Single Line Test
What is Foreignkey and UniqueConstraint					
Database	Java		Easy		Single Line Test
Write a MySQL Query for the given requirement referring the tables below using the Compiler : https://www.programiz.com/sql/online-compiler/					
Tables : Customers: customer_id,first_name,last_name,age,country Orders : order_id,item,amount,customer_id Shipings : shipping_id,status,customer					
Question : Get the Customer details along with shipping Details where the status are Pending Write a MySQL Query for the given requirement referring the tables below using the Compiler : https://www.programiz.com/sql/online-compiler/					
Tables : Customers: customer_id,first_name,last_name,age,country Orders : order_id,item,amount,customer_id Shipings : shipping_id,status,customer					
Question : Get the Customer details along with shipping Details where the status are Delivered Write a MySQL Query for the given requirement referring the tables below using the Compiler : https://www.programiz.com/sql/online-compiler/					
Tables : Customers: customer_id,first_name,last_name,age,country Orders : order_id,item,amount,customer_id Shipings : shipping_id,status,customer					
Question : Get the Customer details along with Order Details & shipping Details where the total amount > 1500 Write a MySQL Query for the given requirement referring the tables below using the Compiler : https://www.programiz.com/sql/online-compiler/					
Tables : Customers: customer_id,first_name,last_name,age,country Orders : order_id,item,amount,customer_id Shipings : shipping_id,status,customer					
Question : Get the Customer details from Customer details for a specific item with Amount Given two sorted arrays A and B of size p and q, write a Java program to merge elements of A with B by maintaining the sorted order i.e. fill A with first p smallest elements and fill B with remaining elements. You are given a string s and an array of strings words of the same length. Return all starting indices of substring(s) in s that is a concatenation of each word in words exactly once, in any order, and without any intervening characters. Download the sample data set of 5k movies: "The Movie Database" (TMDB) - https://www.kaggle.com/tmdb/tmdb-movie-metadata Write a shell / Python script or a Java program that will output the following two: Which actor/actress has done the most number Action movies What is the total revenue of movies produced by "Twentieth Century Fox Film Corporation" that was released after the year 2000 and had the actor Will Smith in it?					
Given a square matrix, turn it by 90 degrees in an anti-clockwise direction without using any extra space. Before rotation: _ 1 2 3 _ _ 4 5 6 _ _ 7 8 9 _ After rotation: _ 3 6 9 _ _ 2 5 8 _ _ 1 4 7 _ The given matrix is rotated by a 90 degree in the anti-clockwise direction. Before rotation: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 After rotation: 4 8 12 16 3 7 11 15 2 6 10 14 1 5 9 13 The given matrix is rotated by a 90 degree in the anti-clockwise direction. There are n people standing in a circle waiting to be executed. The counting out begins at some point in the circle and proceeds around the circle in a fixed direction. In each step, a certain number of people are skipped and the next person is executed. The elimination proceeds around the circle (which is becoming smaller and smaller as the executed people are removed), until only the last person remains, who is given freedom. Given the total number of persons n and a number k which indicates that k-1 persons are skipped and kth person is killed in a circle. The task is to choose the place in the initial circle so that you are the last person remaining. Download the sample GDP dataset for all countries (https://www.kaggle.com/shashwatnath/gdp-per-capita-all-countries) and write a shell / Python script or a Java program that will output the following two: Top 5 countries with highest combined GDP per capita for the year 1992 and 1993. Top 3 countries who had the most GDP growth between 1991-1995 (inclusive of both years) Implement the following 3 APIs in the choice of your language startBrowser=<browsername>[url]<url> ==> Start the browser and open the given URL. Example : startBrowser=<firefox>url=https://google.com will open google.com in firefox browser. startBrowser=<browsername> - Kill the specified opened browser. Example : startBrowser=<chrome> will kill google chrome if running. startBrowser=<browsername> - Delete session. browser: saved formfills, cookies, cache and history of browser. Example : cleanupBrowser=<firefox> will reset firefox's session and clear all browsing data. The APIs are expected to work only in your laptop/desktop's OS (Windows/Mac/Linux). However, bonus points will be given if the solution is independent of the OS. Use of external libraries (like selenium or any other library) is strictly prohibited. You have 10 server PCs available to host your brand new web server application. Design a server architecture using these 10 PCs (with fault and failure tolerance, simple yet scalable)					
Design high-level backend architecture of a Movie theatre software system (Sample data models, APIs, DB tables, etc). The software should allow querying available movies, available seats in a theatre a movie is playing in, movie listings, etc. The user should be able to reserve movie tickets using a website/mobile app. Each seat should be able to be booked by 1 user only (i.e 2 users should not be able to book the same seats if they try to reserve it at the same time)					
Design high-level backend architecture of Google Play Store (Sample data models, APIs, DB tables, etc). What is the output of the given Java code?					
public class Test { public static void main(String[] args) { method(null); } public static void method(Object o) { System.out.println("Object method"); } public static void method(String s) { System.out.println("String method"); } }					
What does the following Java program print?					
public class Test { public static void main(String[] args) { System.out.println(Math.min(Double.MIN_VALUE, 0.0d)); } }					

Dead code and unreachable code. Try to identify the problems in code, if it is compiled.

Task: `HasWorlds` { public void method1() { System.out.println("how to do"); } public void method2() { System.out.println("in java"); } }
Solution: `HasWorlds { public void method1() { System.out.println("how to do"); } public void method2() { System.out.println("in java"); } }`

Question	Grouping	Difficulty	Answer	Topic	Category
What are the Key components of Spring Boot?			Springboot	E	
Difference between @Autowired vs @Inject			Springboot	E	
What is @Configuration and list some of the attributes used?			Springboot	M	
What are Meta-Annotations?			Springboot	E	
How to secure server and API config credentials, rather than hardcoding them?	Java Framework	H			
How can You Create an annotation?	Java Core	E			
How can You retrieve annotations? How does this relate to its retention policy?	Java Core	M			
What is DAO factory design pattern in Java?	Design Pattern	E			
How to use the DAO Pattern in Java JEE Application?	Design Pattern	M			
List some of the benefits of using DAO design pattern	Design Pattern	E			
What are the differences between ResultSet and RowSet?	JDBC	M			
How can we execute stored procedures using CallableStatement?	JDBC	H			
What are the different types of loading in JDBC?	JDBC	M			
How to prevent cloning of a singleton object?	Java Core	M			
Give a brief - Transfer objects vs variables	Java Core	M			
Give a brief - OMBuilder vs XMScannerParser	Java Core	H			
List the different Levels of console logs and where every level is applicable	Java Logging	M			
How we can parameterize server configuration	Java Core	M			
How async processing can be done?	Java Core	M			
Multithreading:					
What's the difference between class lock and object lock?	Java Core	E			
What's the difference between User thread and Daemon thread?	Java Core	H			
What's the difference between notify() and notifyAll()?	Java Core	E			
Why wait(), notify(), and notifyAll() methods are present in Object class?	Java Core	E			
What is Runnable and Callable Interface? Write the difference between them.	Java Core	E			
What is Thread starvation?	Java Core	M			
What is Liveness? What happens when it occurs?	Java Core	M			
What is Thread Scheduler and Time Slicing?	Java Core	M			
What is ConcurrentHashMap and Hashtable? In java, why is ConcurrentHashMap considered faster than Hashtable?	Java Core	M			
Reflection					
What is a Class object. How do you get a Class object via reflection?	Reflection	M			
How do you retrieve class access modifiers via reflection?	Reflection	M			
How do you access constructors defined in a class using reflection?	Reflection	M			
How do you access annotations defined in a class using reflection?	Reflection	M			
How do you access fields defined in a class using reflection?	Reflection	M			
How to get the object of Class class?	Reflection	M			