Questions	Tyne Answ	or Skill	Difficulty	Question Type	Grouped as
What is multithreading?	Java Core Java Core	Java	Easy	Single Line Text Single Line Text	Jane Core Javes 18 Jane Collectoris Rest API Database Extractoris Microsofticas MYSQL Descriptions Jave Descriptions
What is object cloning? What is the difference between Clone() & Copy()? If I have a class If I have a class	Java Core	Java Java	Easy Easy	Single Line Text	Springboot Microservices MYSOL Design Pattern Java Dependencies
What is the difference between Clone() & Copy()?					
If i have a class					
class EMP					
Name					
Age Desire					
Name Age Desgn class(inner) DOB					
Hrs Mins Secs					
Secs					
}					
,					
where Emp is targeted to the object S1 , now we try to copy form S1 to S2 like S2=S1 What happens if i use clone() what happens if use copy()					
What happens if i use clone() what happens if use copy() What is called as thread-safe?	Java Core	Java	Medium	Multi Line Text	
What is called as thread-safe?	Java Core	Java	Easy	Single Line Text	
What is called as thread-jump?	Java Core	Java	Easy	Single Line Text	
Difference between IS A & HAS A relationships Why do we store Sensitive data like USER NAME , PWD in a Character Array Instead of String Data type ?	Java Core	Java	Medium	Single Line Text	
Why do we store Sensitive data like USER NAME , PWD in a Character Array Instead of String Data type ?	Java Core	Java	Medium	Single Line Text	
Miles Obtains and Immediate in Immo	Java Core		Fee	Olegie Line Text	
Why Strings are immutable in java? What the three similar words will do Final Finalize and Finally?	Java Core	Java Java	Easy Medium	Single Line Text Multi Line Text	
What the three similar words will do Final Pinalize and Finally?	Rest API	Java	Medium	Mulu Line lext	
What are the Rest Methods you have experienced for Rest Controllers? What is Wrapper Class ? How Boxing and Urboxing happen?				Single Line Text	
What is Wrapper Class ? How Boxing and Unboxing happen?	Java Core	Java	Medium	Multi Line Text	
How do you Create a Singleton Class?	Design Pattern	Java	Hard	Multi Line Text	
Can we override private methods in java?	Java Core	Java	Easy	Single Line Text	
What is called as Parameterized Constructor?	Java Core	Java	Easy	Single Line Text Multi Line Text	
Difference between HashMap and HashSet Can you call start method twice in java (In a single Thread)	Java Collections	Java	Medium	Multi Line Text	
Can you call start method twice in java (In a single Thread)	Java Core	Java	Easy	Single Line Text	
Write a Lambda Expression to Squaring a Number	Java 1.8	Java	Medium	Single Line Text	
Difference bet 1.7 and 1.8 - For Each	Java 1.8	Java	Medium	Single Line Text	
Difference Det 1.7 and 1.6 - For Each	Java 1.0	Janu	Wedgill	Single Line lext	
Difference between Comparator and Comparable	Java 1.8	Java	Medium	Single Line Text	
What are the different ways to call garbage collector?	Java Core	Java	Hard	Single Line Text	
Difference between Checked Exception and Unchecked exception	Java Core	Java	Medium	Single Line Text	
Input = [3,4,3,5,3,6]					
Untereion deliveren Chriscoler Enception and Unchriscoler exception Write a Jalva Chall Expected Output (2,41,5.1), 6:1] Key : Value Expected Output (2,41,5.1), 6:1] Key : Value In finite No of Occurrences of Each element in the Array- Using any Collections Write a Java Chriscoler Write a Java Chriscoler Write a Java C					
to find the No of Occurrences of Each element in the Array- Using any Collections	Problem Collections	Java	Hard	Coding	
Write a Java Code				Coung	
Input = ['jack', 'And', 'jack', 'jii', 'jack', 'jii'] Expected output: ['lack', '2, ''jii',' 2, ''And', 1]					
Expected output: (jack ': 3, 'jill': 2,"Añd":1] Key : Value					
Insut a Tiplet' "And" jack', "Bi" jack', "Bi' jack', "					
	Problem Collections	Java	Hard	Coding	
Write a java Function to turn the Keys into Uppercase / Capital Letters					
Input =("jack":"Three", "jiil": "Two","and":"one");					
Expected Output= {JACK: "Three",JILL: "Two",AND: "one"}					
Key : Val Key : Capital Letter / Uppercase Values : Retain/Remain the same	Problem Collections				
Write a java Code for the below requirement	Problem Collections	Java	Hard	Coding	
My Input is this: List1 = [1,2,3,4,5,6,7,8,9,10]and Spit_Value = 3 Spit_Value = 3					
List1 = [1,2,3,4,5,6,7,8,9,10]and					
Based on the Split_Value the new list to created as mentioned below					
Expected Output is (Split Like this) [[1,2,3],[4,5,6],[7,8,9],[10]]					
[[1,2,3],[4,5,6],[7,8,9],[10]]	Problem Collections	Java	Hard	Coding	
What are the Basic Annotations that you have experience in Spring Boot ?	Springboot	Java	Easy	Single Line Text	
	Springboot	Java	Medium	Single Line Text	
What is oping Book Accusion? How to connect Spring Book application to database union IDBC Or IBA Or Ulbernate?	Springboot	Java	Hard	Multi Line Text	
What is Spring Boot Actuator? How to connect Spring Boot application to database using JDBC Or JPA Or Hibernate? What is @RequestMapping annotation in Spring Boot?					
Trial is greed estimated in the control of the cont	Springboot	Java	Easy	Single Line Text	
How do you achieve Dependency Injection?					
	Springboot	Java	Medium	Single Line Text	
What are the Different types of Dependency Injections What type you had used / How ? Use of Dependency Injection in Spring Boot explains a simple scenario to selve an issue?					
	Springboot	Java	Medium	Single Line Text	
Explain Autowired?	Springboot	Java	Medium	Single Line Text	
What is Spring Boot Initializer?	Springboot	Java	Medium	Single Line Text	
What are the Starters Are available Spring boot ?	Springboot	Java	Medium	Single Line Text	
	Springboot	Java	Medium	Single Line Text	
What is component scan? Write main features of Microservices.	Microservices	Java	Easy	Single Line Text	
What are the common tools mostly used for microsenvices?	Microservices	Java	Easy	Single Line Text	
What are the ways To access RESTful Microservices?	Microservices	Java	Medium	Single Line Text	
What are the Functional and Technical Challenges that commonly faced using microservice?	Microservices	Java	Medium	Multi Line Text	
What are the Functional and Technical Challenges that commonly faced using microservice?	Microservices	Java	Medium	Multi Line Text	
Explain PACT in microservices. Explain Consumer-Driven Contract (CDC)	Microservices	Java	Medium Medium	Single Line Text Multi Line Text	
Explain Consumer-Driven Contract [CDC]	Microservices	Java	Medium	Multi Line Text	
What is the main role of docker in microservices?	Microservices	Java	Hard	Multi Line Text	
What are the importance of reports and dashboards in microservices	Microservices	Java	Hard	Multi Line Text	
The term Eureka in Microservices brief about?.	Microservices	Java Java	Medium	Multi Line Text	
The lattit Culturil in Indicate victor and about 7. What is Outuril? What's Service Discovery? What's the use of Service Discovery?	Microservices	Java	Easy	Single Line Text	
	Java Dependencies	Java	Hard	Multi Line Text	
What's the Bath unrights (What's the Bequest consenter?	Java Dependencies	Java	Medium	Multi Line Text	
What's the Path variable?What's the Request parameter? What framework did you use for writing Junits?					
	Java Dependencies	Java	Medium	Single Line Text	
What will the YAML Files do?	Java Dependencies	Java	Medium	Single Line Text Single Line Text	
How do you use the service MESH ?	Java Dependencies	Java	Hard	Single Line Text	
What are the Design Patterns are you using in your Project?	Java Dependencies	Java	Hard	Multi Line Text	
How do you check and increase the JVM Performance?	Java Dependencies	Java	Hard	Single Line Text	
Ear Versioning Which you are union GITM ID/SMID/P During	Java Dependencies	Java	Easy	Single Line Text	
What is branching 8, merging strategy in GITHUB/SVNBt Bucket for merging code ? Write a MYSQL Query for the below requirement.	Java Dependencies	Jawa Jawa	Easy Medium	Single Line Text Single Line Text	
Write a MYSQL Query for the below requirement					
Employee Table : Entities : Name Age Salary City					
who are all the employees drawing the second largest salary for each city	MYSQL - Querying	Java	Eagy		
Write a MYSQL Query for the below requirement	MYSQL - Querying	Java	Easy	Coding	
Products					
grodet_id prodet_name prodet_name prodet_spee					
product_type					
product_price					
Customer					
customer_id					
customer_id name phone					
Transaction					
trans_id customer_id product_id					
customer id					
product_is quantity					
quantity Delivery_date					
Get all the orders placed by customers Called sachin.					
2) Get all the highest sold (Item) product types grouped by month. (In terms of Quantity)			L		
Write a MYSQL Query for the below requirement	MYSQL - Querying	Java	Very Hard	Coding	
write an 10 Sec. Closery for the Section Registerisms. a. Table Liber (sec.) K, name, mobile, number), b. Table Address (add, 14, user d. address, pisnoche) Witte the query to get unrique mobile numbers for the specific pincode =695009	MYSQL - Querying	Java	Hard	Coding	

Write a MYSQL Query for the below requirement												
User Table : User, id 1 User, mane Hari User, mobile: 7304050194												
User_name Hari User_mobile : 7904050194												
Comment Table												
Comment "Awesome" User is 1 Total likes 20												
Get the User details along with Comment Details where the Total_likes > 3	MYSQL - Querying	Java	Hard		Coding							
Implementation Java 1.8 Code to get the longest String from the given List Lish-String+ words = Arraya.sal.ist("GFG", "Geeks", "Greiks", "Geekstbutz", "Geekstbutz", Complete the Code:	Problems Java 1.8	Jeva	Hard		Coding							
Complete the Code :												
imper jo sou did expylot. Impor jo sou did to supplet. Impor jo sou did tota. Impor jo sou												
import java.uut.siream.siream, class Productij												
String name; final price:												
public Product(int id, String name, float price) { super(i)												
super(); lick, this id a lick, this name = name;												
this price = price;												
) public class LambdaExpressionExample11{												
public static void main(String[] args) { List <product> list=new ArrayList<product>();</product></product>												
list.add(new Product(1,"Samsung A5",170001)); list.add(new Product(3,"Inhone 65",650000);												
list.add(new Product)2,"Sony Xperia", 25000f); list.add(new Product)4,"Nokia Lumia",15000f);												
lat additione Productit ("Samauray AS" 170000); ist additione Productit, "Sporee 68" 550000); ist additione Productit," Sporee 68" 550000); ist additione Productit," Sporee (arms "550000); ist additione Productit," Samaura "550000); ist additione Productit," Samaura (arms "350000); ist additione Productit," Samaura (arms "350000); ist additione Productit," Samaura (arms "350000);												
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 condidition price:												
, x												
	Problems Java 1.8	Java	Hard		Coding							
What is Group By in MYSQL / Postgres? What is Transaction in MYSQL / Postgres?	Database Database	Java Java Java	Easy Easy		Single Line Text Single Line Text							
How do you rename a Table?	Database	Java	Easy		Single Line Text							
What is use of MYSQL Dump Query? Difference between MonopOth and Postores	Database Database	Java Java Java	Easy		Single Line Text							
Difference between Mongo/Do and Postgres What is Foreignitky and UniqueConstraint William A 1976.1 Coursy for the given requirement referring the tables below	Database Database	Java	Easy Easy		Single Line Text Single Line Text							
using the Compiler: https://www.programiz.com/sqVonline-compiler/												
Tables :												
Customers : customer_id.first_name,last_name,age,country												
Orders : order_id,ltem,amount,customer_id												
Shippings : 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.	MYSQL - Querying	Java	Medium									
using the Compiler: https://www.programiz.com/sqVonline-compiler/												
Tables :												
Customers : customer_id.first_name,last_name,age,country												
Orders : order_id,item,amount,customer_id												
Shippings : shipping_id_status, customer												
Question : Get the Customer details along with shipping Details where the status are Delivered	MYSQL - Querying	Java	Medium									
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												
Shippings: shipping_id.status,customer												
Question : Get the Customer details along with Order Details & shipping. Details where the total amount > 1500	MYSQL - Querving	Java	Medium									
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.ltem,amount,customer_id												
Shippings: shipping_id_status, customer Question: Get the Customer details from Question of details for a specific item with Amount	MVSOL Ounder	free	Medium									
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 maint	aining the sorted order i.e. fill A wi	th first p smallest elements and fill B with remaining elements.	wedom									
You are given a string's and an array of strings words of the same length. Return all starting indices of substri Download the sample data set of 5k movies: "The Movie DataBase" (TMDB - https://www.kaggle.com/tmdb/imdb-movie-m	ng(s) in s that is a concatenation of etadata). Write a shell / Python script o	each word in words exactly once, in any order, and without any inter r a Java program that will output the following two:	vening characters.									
Which actoriactress 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												
What is the total revenue of movies produced by "Twentieth Century Fox Film Corporation" that was released after the year Given a square matrix, turn it by 90 degrees in an anti-clockwise direction without using any extra space. Before rotation:	zuou and had the actor Will Smith in	nr.										
_ 1 2 3 4 5 6 7 8 9_												
After rotation:												
369_258_147_												
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												
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.												
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 pro Download the sample GDP dataset for all countries (https://lwww.kaggle.com/nitsthabharathilgdp-per-capita-ail-countries)	ceeds around the circle in a fixed direct	ion. In each step, a certain number of people are skipped and the next person	is executed. The elimination procee	eds around the circle (which is becon	ning smaller and smaller as the exe	cuted people are removed), until o	inly 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 ith person is killed in	circle. The task is to choose the pla	ice in the initial circle so that you
	ens write a snes / Python script or a Ja-	ne program stat will output the tollowing 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 start Phrowsers-Provisemanne)&url=(url) => Start the brows	er and open the given URL. Example:	/start?browser=frefox&url=https://google.com_will.open.nnnile.com in firefo	x browser.									
/stop?browser=[browsername] - Kill the specified opened browser. Example: _/stop?browser=chrome _will kill google chro	ime if running.											
Jatop Terowser*(browsername) - Kill the specified opened browser. Example: _istopTrowser*chrome _will kill google chri _istampTrowser*(browsername) - Delete session, browser, sawed bookmarks, cookies, cache and instary of browser. _Example: _istamptrowser*(effort, will redef fetor's session and clear all browsing data. _Example: _istamptrowser*(effort, will redef fetor's session and clear all browsing data. _Example: _istamptrowser*(effort, will redef fetor's session and clear all browser) cache and in the APPs are opecated to work only in your inpote promotion of Sir Willowskillact. Linux), however, bonus points will be given the control of t		On the state of Barrier Barrie	200									
You have 10 server PCs available to host your brand new web server application. Design a server architecture using these	en is one solution is independent of the tid PCs (with fault and failure tolerand	Oo. Gae to external libraries (like selenium or any other library) is strictly profi e, simple yet scalable)	ENRO.									
Design high-level backend architecture of a Movie theatre software system (Sample data models, APIs, DB tables, etc.). To	ne software should allow avenue.	able movies available seats in a theatre a movie is stories in movie in stories.	etr. The user should be able to	nye movie tickets prins a webra-	thile ann. Each sent should be able	to be booked by 1 was only 5 - 5	users should not be able to book the same coats * the com-	n reserve it at the same time)				
Design high-level backend architecture of a Movie theatre software system (sample data modes, APIs, DB tables, etc). If 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?			and and the stone to reser					The same of the sa				
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 printin' Object method' ; } public static void method(String s) { System out What does the following Java program print?	t.println("String method"); }}											
public class Test {public static void main(String[] args) { System.out.println(Math.min(Double.MIN_VALUE, 0.0d));	11											

Dead code and unreachable code. Try to identify the problems in code, if it is compiled.																			
class HelloWorld { public void method1() { System.out.println("how to do"); return; System.out.println("in java"); } public	void method2 () { Syste	em.out.printin(*	how to do"); if (true) { return; } System.out.println("in java"); } public void metho	d3() { System.ou	t.printin("how to do"); wh	nile (true) { ret	urn; } System.out.printin("in java"); } }												
There are n people standing in a circle waiting to be executed. The counting out begins at some point in the circle and pr								are removed), until	only the last perso	n remains, who is	given freedom. G	ven the total num	er of persons n a	nd a number k w	hich indicates that k-1 persons are skipped and kth person is killed i	n a circle. The task i	s to choose the p	face in the initial of	ircle so that you
	Grouping	DIM																	
			What are the Key components of Spring Boot?	Springboot	E														
			Difference between @autowired vs @inject	Springboot	E														
			What is @EnableAutoConfiguration and list some of the attributes used?	Springboot	M														
				Springboot	E														
How to secure server and API config credentials, rather than hardcoding them?	Java Framework	Н																	
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	н																	
What are the different types of locking 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 - XMLBuilder vs XMLScanner/Parser	Java Core	н																	
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	F																	
What's the difference between User thread and Daemon thread?	Java Core	н																	
What's the difference between notify() and notifyAli()?	Java Core	F																	
Why wait(), notify(), and notifyAli() 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 Livelock? 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 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																	
TOW IN SHILL THE OUDING OF CHIEFF CHIEFF	rvereca0ff																		