1.write the code for following: 1. Check if the given string is palindrome or not.

2. Check if the given integer is palindrome or not.

3. Write a sample code for hashmap and hashtable.

4. write a sample code for threads

|  |
| --- |
| Given an array int a[] = int a{1,2,2,3,4,4,5,5,6,7} |
| 1. Find the duplicates in the above array and store in to a seperate array |
| 2. Find the non duplicates and store in another array. |

5.What is the difference between hashmap and hashtable.

6. Difference between stringbuffer and string classes.

7. What is garbage collector in java

8. How do you achieve multiple inheritance in java.

9. What is the difference between interface and abstract class.

10. Write a program to find the prime number

11. How would rate yourself in java out of 5.

12.

|  |
| --- |
| Java code |
| a. calculating axes for various salary levels , using if else |
| b. summing all the numbers which are given as a input in a String array-use a for loop and use Integer.ParseInt |
| c. using map find the occurrence of all the characters |

13.

|  |
| --- |
| Concentrate on OOPS concepts , focus more on objective type questions in these areas |
| static blocks , static keyword related questions |

14

|  |
| --- |
| Interface and abstractclass |
| string and stringbuffer |
| string a =""; string a= ""; |
| diff btwn jvm and jre |
| diff btwn hashset and hashtable. |
| diff btwn arraylist and array |
| use of set - collection |
| method overloading and method overriding |
| polymorpism |

15.

|  |
| --- |
| what ways you can declare string |
| use of javac and java |

16.

|  |
| --- |
| 4. What is an Interface ? Give an example in selenium |
| 5. What is abstract method? Can we write code under abstract method? |

17.

|  |
| --- |
| 4. What is an interface? Can we create objects for an interface? |
| 5. What is method overloading? Give an example in selenium and Explain where you have used in your project? |
| 6. What is the 3rd way to inherit the properties of parent class like apart from creating objects and by using extend keywords |

18. 9. What are the different collections available?

19.

|  |
| --- |
| Write a program to remove duplicate characters from the string and print the rest |
| Write a program for Palindrome String  20.  Diff b/w String Buffer and String Builder  21.   |  | | --- | | About multiple inheritance | | About Marker interface |   22.  About Multithreading  23.   |  | | --- | | Explain static and final | | public class StaticClass(){ | | static int a; | | public static void main(String Arg[]){ | | StaticClass obj1=new StaticClass(); | | StaticClass obj2=new StaticClass(); | | obj1.a=5; | | obj2.a=7; | | Sysout(obj1.a); | | Sysout(a); | | }}} | | what will be the output | | how static variable are stored in memory? | | Give String "abcde" and output required "abc\*de" |   Can final method can be over ridden and can final class can be inherited   |  | | --- | | Write a program to reverse a number(eg. 1234 to 4321) without using modulus operator | | From the below diagram find the sum greater value of the side and print that (aspire 18) | |

Write a Java program to print the matrix values in following format

(Aspire 19)

|  |  |
| --- | --- |
| Qn 3 : In a paragraph, I have to extract the following things |  |
| Get only numbers | Core Java |
| Get only alphabets | Core Java |
| Get only alpha-numerics | Core Java |
| Get only spaces | Core Java |
| Get only special characters | Core Java |

|  |
| --- |
| Qn 1 : I have a string "CZ1234ABC45" |
| For example in for loop : for (i=1; i<=n; i++) |
| In the above for loop, instead of 1 (one) for variable "i", we need assign the above string |
| And it has to increment based on "i++" |
| Write a logic for this. |
| Qn 2 : I have a float value 12345.4566 |
| I want to extract only 4566 (ie., the value after dot) |

|  |
| --- |
| 10) Write Code:  n=1238975. Find the biggest integer value in 'N'. [o/p : 9] |
| 11) Write Code: n=16845. O/p will be "n=14568". It should be integer value, It should be in ascending form. |
| 12) Print below pattern. Triangle pattern: |
| 1 |
| 2  4 |
| 3  6  9 |
| 13) Print below pattern. like star. if n=5.[n- user input, If n is even, then terminate prg. If odd proceed] |
| O/p will be like, |
| 1 |
| 1  2  3 |
| 1  2  3  4  5 |
| 1  2  3 |
| 1 |
| 14) X ="Good Looking"[User input]. Have to find unique characters cout. Should not any duplicate. |
| For Ex. g - 2; o - 4; d - 1; l - 1; k - 1; i - 1; n-1. [Have to print like this] |
| 15) Write a code to Reverse a String. Without using any builtin functions like reverse(), charAt() |

18) Write Code: Find the repeated words in a given string.

|  |
| --- |
| 20) Write Code: Identify and form a string with unique characters. Ex. X=Good Looking. o/p = godlkin. |
| Following sentence was given: |
| 0 1 2 3 4 5 6 |
| Tommy attending an Interview while Bob Studying |
| a. Reverse only the words that are in Even number in the above sentence |
| b. Odd number words should remain the same |
| c. After the words are reversed, in the reversed words increment the odd |
| characters alone by one alphabet (ex:- a to b, e to f, etc) |
| Write a program to validate the credit card number having the following pattern:[2312] [932E] [12AB] |

|  |
| --- |
| Str = " My School is ABC" |
| Expected : "CBA si loohcs yM" |
| What is OOPS concept - explain |
| What is Abstract Class? |
| What is Interface? |
| What is different between Interface and Abstract class? |
| what is Final and Finally? |
| Can you tell me the example for Runtime exception and Compiletime exception. |
| How many time you can use Catch block while exception handling? |

|  |
| --- |
| Arraylist vs list? |
| Have you used collections in your code ? |
| Explain the List and set? |
| Different between hashset and hashtable. |
| String to count indvual variable and return count only |
| Exception handling |
| Oops concept |
| How to Find dynamically generating object |
| Collections |
| 4. How to print the values in console in hexagon shape? |
| 14. Explain about constructors |
| 15. Explain about exception and name the expectations that u have most encountered in your project |
| 16. Method overloading and method overriding difference |
| In triangle shape bound having sooe numbers how to replace 3 numbers into another bound, write the code in Java? |
| 1. Reverse the string Cognizant without using reverse Method() |
| 1. Write a java program to find whether two strings are anagrams | Core Java |

5. How will you call a method without creating object for the class?

7. Given a number, write a program to find the next palindrome number.

|  |  |
| --- | --- |
| 9. How will you compare a string and string buffer? | |
| 10. Difference between treeset and linked hashset | |
| 11. Why does collections dont accept primitive data types? | |
| 3. What is abstract method? Can it hold all non abstarct methods? | |
| I dont want anybody to extend my class.. what ll u do? | |
| 5. What is call back in java? | |
| 6. Have you used method overriding in your project? Explain | |
| 7. Have you ever heard about java 8? Tell me abt it | |
| 8. What is anonymous class? | |
| 9. What is finalize in java? | |
| 12. What is dynamic binding? | |
| Fibonacci series | |
| Star triangle | |
| 2. Write code to remove duplicates from a string. Eg. Input: Call taxi. Output: Cal taxi. | |
| 3. Write code to find largest sum from contiguous sub array. | |
| Class | |
| For some ppl thy asked Java question too. Oops concepts, interface constructor , abstract class, etc | |
| Given an array int a[] = int a{1,2,2,6,7,3,4,4,5,5,6,7}. Find the duplicate numbers in the above array and store in to a seperate array | |
| Write a code to print the number in reverse order and if it is odd number omit it | |
| What do you know about inheritance | |
| What is overloading and overriding | |
| Say a variable is declared as static in Class A and Class B extends Class A. Can I modify the varible value in class B | |
| What is reflection in java | |
| 8 . Given a input 123abc,;) i need output as a= 123 b = abc c= ,;) | |
| 1. WAP to reverse your name | |
| 2. WAP to display the following output | |
| Input - fname143 lname | |
| Output - fname lname8 | |
| what is overloading. Can you overload a main method | |
| I want to run a program without main method. How to do it | |
| What is a constructor | |
| What are access modifiers and their use | |
| What is super and final keyword | |
| How to create object on an interface | |
| What is diff between abstract class and interface | |
| Have you worked in collections | |
| What collections you have used in your project and why you used it | |
| String builder Nd stringbuffer | |
| Java: | |
| Encapsulation | |
| Diff between overloading and overriding | |
| How will you prevent a method from overriding | |
| Diff between JDK and JRE. Which one of them is platform dependnet? | |
| Inheritance with example. - Can secondary subclass can inherits the methods and variables of super class ? | |
| Print all 111, 222,...999 no's.. Code | | Core Java | |
| Can you explain about List Interface. | | | | |
| Usage of List interface (explained with select class). | | | | |
| some questions on Object class (can it have array type? why? etc) | | | | |
| What is compile time and Run time polymorphism? | | | | |
| Difference between Interface and Abstract Class? | | | | |
| Have you used Java Executor? | | | | |
| Have you created Abstract class in your project? | | | | |
| 1. Explain all the oops concept with real-time example | | | | |
| 24. Reverse the string Cognizant without using reverse Method() | | | | |
| 25. Cognizant | | | | |
| 1) Find the length of the String (length) | | | | |
| 2) Loop from length - 1 to 0 (for length-1 0) | | | | |
| 3) Get the character of the position - one at a time: right -> left (charAt(i) | | | | |
| 4) Concentate the character (+ / concat) | | | | |
| 5) Print | | | | |
| 26. Find out the most repeating character in the string Cognizant | | | | |
| 27. Find out the least repeating character in the string Cognizant | | | | |
| 28. Print diamond in the console | | | | |
| \* | | | | |
| \* \* \* | | | | |
| \* \* \* \* | | | | |
| \* \* \* | | | | |
| \* | | | | |
| 29. Find the position of 2nd last character 'C' in the string "Congizant India Deveopement Centre" | | | | |
| 30. Write a java program to replace aeiou (with 1,2,3,4,5) in the given string "Photon Info Tech" | | | | |
| 1.whether interface can have constructor ? Explanation reqd | | | | |
| 2.how to access private data members from outside the class ? | | | | |
| 3. difference between hashmap and table ? | | | | |
| 3) Difference between Array list and linked list? | | | | |
| 7) why Array list is faster then Linked list? since both are locating the Index what is the difference?only these 7 questions they asked me.... other questions asked for other candidates are as follows | | | | |
| Java - Qns related to static, final, abstract, interface , exception handling | | | | |
| 1) Find the length of the String (length) | | | | |
| 2) Loop from length - 1 to 0 (for length-1 0) | | | | |
| 3) Get the character of the position - one at a time: right -> left (charAt(i) | | | | |
| 4) Concentate the character (+ / concat) | | | | |
| 5) Print | | | | |
| 2. Find out the most repeating character in the string Cognizant | | | | |
| 3. Find out the least repeating character in the string Cognizant | | | | |
| 4. Print diamond in the console | | | | |
|  | | | | |
| \* | | | | |
| \* | | | | |
|  | | | | |
| \* | | | | |
| \* | | | | |
|  | | | | |
| 5. Find the position of 2nd last character 'C' in the string "Congizant India Deveopement Centre" | | | | |
| 6. Write a java program to replace aeiou (with 1,2,3,4,5) in the given string "Photon Info Tech" | | | | |
| 16. Why multiple inheritance not achieved by class? | | | | |
| 11. There are 100 rows (i.e. <tr> tags) and each row has three test data ( <td> id</td> | | | | |
| <td>name</td> | | | | |
| <td>dept</td> | | | | |
| Here 20 rows have duplicate values for name value. How do you check it? | | | | |
| 5. What is class and object? | | | | |
| 6. Can static varibles /methods be overrid? | | | | |
| 20) what is an exception?? | | | | |
| For this below code | | | | |
| If(findelementbyid("xxx").isdisplayed) | | | | |
| { | | | | |
| Sysout("true"); | | | | |
| } | | | | |
| else {sysout("false")}; | | | | |
|  | | | | |
| What will happen in the above code?? | | | | |
| 21) what will happen if webelement not found in the above code? | | | | |
| 22) when the exception will come in the above code? And when else block will be executed? | | | | |
| 23) what are the exceptions you faced in project? And try catch | | | | |
| 26) what is function overloading and function overriding | | | | |
| 10. Constructors. Why do we need constructors? What's the use of it? | | | | |
| 11. List a few webdriver constructors? | | | | |
| 12. Constructors with parameters? | | | | |
| 21. For final he asked to write code and asked me the out our when I change the final value and what exception will it throw? | | | | |
| 1.Use of get and set method in java | | | | |
| 2.What is hash table | | | | |
| 3.What is hash set | | | | |
| 4.How to connect to db write code | | | | |
| 5.How to get a unique id from the string "id:9864 ".say multiple ways | | | | |
| 6.What is interface | | | | |
| 7.What is inheritance | | | | |
| 8.What is abstract class | | | | |
| 9.How to insert a data into an array | | | | |
| 10.How to move to the tag which has no attributes.write 2 ways | | | | |
| 17.Difference between throws and throw. | | | | |
| 25. what is constructor. | | | | |
| 26. what is interface. | | | | |
| 27. what is abstract class. | | | | |
| 28. difference between both | | | | |
| 29. Explain about method overloading, method overridding concepts. | | | | |
| Polymorphism program | | | | |
| Overloading and overriding | | | | |
| Hash map and hash table | | | | |
| Vector and array list | | | | |
| 18. Rate yourself in Java? | | | | |
| 19. What are all the features in Java? | | | | |
| 20. What are all the java features you are using in selenium? | | | | |
| 21. Explain inheritance? | | | | |
| 22. Explain Encapsulation? | | | | |
| 23. Explain Overloading and overridding? | | | | |
| 24. Explain polymorphism? | | | | |
| 25. Explain abstract? | | | | |
| 26. Explain interface? | | | | |
| 10+ questions from basic programming, loops, continue, breaks. | | | | |
| 5+ questions from Java programming outputs like inheritance, looping outputs | | | | |
| - Write a Java program 'to read a statement from a file and tell the word count & char count | | | | |
| 13.Jsexecutor is it a class of interface or method and how it works what is its implementation | | | | |
| 20.swap the digits in a number (any scripting language | | | | |
| 16.How to sort (Effecient way) - Not bubble sort. | | | | |

|  |
| --- |
| 17. Having a string s = "100", convert this to integer? |
| 18. Explain the methods in String Class? |
| 19. Overloading vs Overriding? |
| 20. List vs Hashmap? |
| Transpose of matrix |
| Flod trigangle |
| What is a object |
| What is super class |
| Can class be protected |
| Can method be protected |
| What are various access specifier |
| Few basic of Java like polymorphism and interface |
| Singleton class |
| program to find reprating character in give string |
| write a program to comapre 2 dates,and need to print which date is greater,need to print the date.Kindly provide the steps |
| Have to count the upper and lower case character of particular sting.need to print the no of uper case and lower case |
| Why is Java platform/OS independent ? |
| Have you used collections in your code ? |
| Diff between hashmap and hashtable |
| What is serialization |
| What is anonymous class |
| How to create a immutable class |
| Obtain the number of chars in a text file |
| 1. Write a java program, to swap without using 3rd variable? |
| 2. Write a Java program to read text from a file and display it. |
| 3. Write a Java program to get file name from the given string. |
| Str = "C:\Programs\TextFile.txt" |
| 6. what is the use of toCharArray method? |
| 24.what is synchronization ? |
| 35. Java is what type of language. |
| Write a code to read the text file and print the no. Of vowels in it |
| does hashmap accept duplicate values |
| D/B hashmap and hashtable, arraylist & linked list and their methods |
| Abstract class, object class & its methods |
| can a variable declared as private static final can be accesssed by other class in same package/different package |
| rise of static keyword for variable, method |
| 11. Diff between mutable and immutable? I explain with String and StringBuffer but they were not convinced. |
| 12. What is string buffer string and differences between them? |
| 13. Diff between Overloading and Overriding? |
| 4. main() method can be overloaded? |
| 5. main() method can be overridden? |
| what is exception and error |
| Difference between == and .equals |
| What is command line arguments - customised behavior of main method |
| diff b/w primitive and non-primitive data type |
| What is variable and types |
| what is the main use of static |
| Write a code tht if a particular exception happens, the try block should run again |
| A string "yyyyyHelloyyyy" is given.write code to print only Hello |
| Initialize and insert an item into a HashMap |
| Difference between LinkedArray and ArrayList |
| Difference between LinkedHashMap and HashMap |
| Given 20 Students name. i) Remove the duplicate Names, ii) Sort them Alphabetically. |
| There is a String like 123ABCD456. You need to store Integer and Char seperately. |
| Swap two columns in a table..Write code |
| Difference between throws and try catch? |
| How do you sort element in a linklist? |
| Difference between linkedhashmap and treehashmap. |
| 1)string s= new string("hcl"). how many object it will create |
| 2)what is array and list |
| 5)reverse the string without using string buffer method |
| 6)how many type of list |
| 11)abstract class and interface difference |
| 17)what is thread and how to create thread class |
| 3) write a code for password validation (first letter should be upper case, alpha numeric, spl character ) |
| 6. Explain about 'throw' keyword |
| 7. In the below code which catch block will get executed first, |
| try |
| { |
| divide by zero error; |
| } |
| catch(ArithmeticException e){ |
| } |
| catch(Exception e){ |
| } |
| catch(NullPointerException e){ |
| } |
| How to pass URL in java & verify response, |
| What is the machine readable format or which class converts any of your document/file into an object?( let me know if you didn't understand the question.. I can explain) |
| 1. Write a java program based on below points |
| a. Take an integer input |
| b. Find the no. Of digits |
| c. If the digits count is an even number then divide the input no. By 2 |
| d. If the resultant no. Of digits is even similarly in point e. no. Of digits in resultant no |
| e. if the resultant no. is odd then remove the centre digit and compare the first half digits with that of the last half digits |
| f. if they are equal print equal if not print not equal. |
| 5) What are the different Classes you have worked on? |
| 8) Explain about Exception handling? and how do debug the issues. |
| 7 .can static methods be overrided ?? |
| What is abstract |
| Diff b/w abstract and Interface |
| this and super keyword and their difference |
| Is constructor overloading possible? |
| 3. Write a program to reverse a string using for loop |
| 4. Write a program to swap 2 arrays |
| 9.  Write a method to pass n numbers in array and print the outcome  Explain Psvm in detail  Instance variable  Pgm to reverse a string without using string buffer  5. Sort numbers by ascending order. |
| 10. Explain access modifiers |
| 14. Can we use this keyword with static method |
| Explain Map  6. In a string.. print the repeated chars  3.)what are the methods to handle exception  Dynamic objects - handling    Class A & Class B are present, class A has method 1 and class B has method 2, How to call method 1 from class A   |  | | --- | | What are types of exceptions you generally use | | method signature |   21. How to set priorities and check in threads using java  26. what is the flow of java program  36. What are immutable classes and what is the access modifier for static & final  Whats This refers in java?  Can we call static method without using object?  Arraylist vs list?   |  | | --- | | Static vs final ? | | final vs finally ? |   11. tell me the keywords in java ?  3. write a java program to replace the owels in the given string by its numbers ?? (a-1,e-2,...)   |  | | --- | | 2. Been asked to write program for the below pattern | | # # | | # # | | # # | | # # | | 3. What would be the output for the following | | int i=10 | | Switch(i) | | { | | Case 1: | | S.o.pln("1"); | | Case 2: | | S.o.pln("2"); | | Case 10: | | S.o.pln("10"); | | Default: | | } | | What the o/p would be? ( There is no break) |   5. can operator overloading be achived by java?   |  | | --- | | 12. Reverse the following | | Condition : Automation should be reversed first | | After then Testing should be reversed | | AUTOMATION TESTING | | without using string reverse function | | 13. String is mutable or immutable? Why? |   14. deadlock in java  6. Been asked to write a program to display numbers which is greater than 10 using forloop   |  | | --- | | Exception Handling. Write code for given scenario. | | Use "Throws" keyword. | | Use of "Finally" keyword | | Diff - 'Final' & 'finally' |   Page Factory   |  | | --- | | Member access modifiers | | Diff - 'Array' & 'ArrayList' | | How to Sort using 'Collection |   7. Write a program to loop through Arraylist?  8. "09/24/2015". seperate numbers only from this string.   |  | | --- | | 1. Write a program to find occurrence of every characters in following string: | | String s = 'Welcome to Wipro"; | | If I give you an analytical question from JAVA, will you solve it? (Just 2 simple question from JAVA) | | | | Then, interviewer explained, there is two array, say 5 values in each. Now write a code to print only one lowest number among 10 numbers. | | | | From the same array, if you find any number repeated in another array, then print ‘-1’ | | |   (4)write a pragram to find the count of i in the string (" This is Anjali Shrivastava")  (5)What is HashMap  (6)write a program to find out duplicate chacters in a string using HashMap  (7)Explain Set,List and Map and its difference  Sorting numbers with out using java collections  Program to print the next letter of each character  Input:hari  Output:ibsj  Program to readvalue from excel  6. How to call java class in the sequence java class1-> java class2-> java class3 then from java class2-> java class4?   |  | | --- | | WRP to find the max of two numbers an store them in a Map. | | Difference between vector and arraylist | | Why using generics for map. What is happening inside the collection? | | What is an interface - few question around interface and inheritance | | Constructor override related questions | | Primitive data types. | | using generics in java collections.. | | How is data stored in a String class. | | Database jdbc. How to begin a session and close a session. Before Connecting to database he said thr I something we do to begin a session. I dint know.😐 |   What is factory class?  String s = "I am a wonderful person". Find the number of occurrence of each letters using any programming language.  How can you write custom exceptions?   |  | | --- | | There is application which accepts numbers from 0-9999. And returns the output in words. Write a program for the application. | | eg: input: 10, output: ten | | input: 450, output: Four hundred and fifty | | 9. Get the largest substring of non repeating characters.. in a string.. | | | | 10. Number to binary..pg | | | |
| 1.Exception is a class or interface..? |
| 2.Will the below code work.. if try block throws exception |
| Try{ |
| driver.findElement....} |
| Catch(Exception e){ |
| } |
| Catch(NoSuchElementException){ |
| } |
| 3. If the catch block fails...why and whats the error u get.. |
| How to get only string number anfrom special character from string in java |

Can we run a java prog without main? Yes using static method

Diff betoween super and this keyword

|  |
| --- |
| primitive data types are store in stack |
| Size of float,double,long? |
| default value of boolean,char and short? |
| Access modifier-default,private and protected |
| what is local variable? |
| what is class variable? |
| what is variable? |
| what is wrapper class? |
| what is null pointer execption ,when it occurs? |
| when will the java program show following |
| error occurs |
| execption occurs |
| Both of them occurs |
| none of the above |
| Static binding use which informations? |
| i)type |
| ii)object |
| iii)both of them above |
| iv)none of the above |
| dinamic binding use which informations? |
| i)type |
| ii)object |
| iii)both of them above |
| iv)none of the above |
| what is method overriding? |
| correct format for main() method |
| can constructor be inherited? |
| does class contains a default constructor? True or false |
| compositoin referr as ? |
| I)has a relationship |
| II)is a relationship |
| which is faster string builder or buffer? |
| marker interface? |
| what is abstraction? |
| Set interface? |
| is it necessary to have finally after try block? |
| when is finalize() invoke by garbage collector? |
| what happen if keyword static is removed from main method? |
| i)compilation error |
| ii)programe compiler without any output |
| iii)programe compiler with expected output |
| highest precedence operator ? |
| i)(),[] |
| ii)++.-- |
| iii)\*,/ |
| Iv)>>,<< |
| which arithmetic operator throws arithmetic execption |
| i)-\*,/ |
| ii)-!,-= |
| iii)->>,<<- |
| which is not a keyword? |
| i)static |
| ii)booliean |
| iii)void |
| iv)private |
| JRE function? |
| what is applet in java |
| what happen when static function in java is invoked using null reference object |
|  |
| i)string is mutable |
| ii)string is immutable |
| iii)string is data type |
| Iv) none of the above |

Thread lifecycle

What is static concept with example?

what is data types, primitive data types and others?

What s virtual classes interfaces

Suppose there are 3 interfaces 3 simple functions how interface possible

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| Abstract and concrete classes can we instantiate object |
| What is composition in java |
| Try catch finally...when finally will be executed |
| What is binding and diff types of bindg |
| What is java reflection |
| Can we call private function outside the class |
| - What are the differences between C++ and java. |
| 3. Write a sample code for hashmap and hashtable. |
| 4. write a sample code for threads |
| - Given an array int a[] = int a{1,2,2,3,4,4,5,5,6,7} |
| 1. Find the duplicates in the above array and store in to a seperate array |
| 2. Find the non duplicates and store in another array. |
| - What is garbage collector in java |