Java Hackathon Exam

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\* Required

Instructions!!

1. Use Scanner function for all input for Programming Questions.  
2. For theory questions please type your answers in a single MS Word or Doc File.  
3. Write code on paper first using pen & then execute the code on Eclipse IDE.  
4. Scan/take photos of answers and paste in a single word/doc file with question no. and output.  
  
Note: This form will auto save if you are logged in to your google account. Anytime if you want to take a break feel free to do so. Your progress wont be lost

Q34. Write a method to implement \*, - , / operations. You should use only the + operator \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q27. WJP to perform ascending order Quick sort \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q13. Given a string print the reverse of the string.(Input: Java Code Output: edoC avaJ) \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q8. How can we make String upper case to lower case? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q45. What is set in java? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q9. How can we make String Lower case to Upper case? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q1. Consider there is a 3 Boolean variable called a, b, c. Check if at least two out of three Booleans are true \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q32. You are given two sorted arrays, A and B, and A has a large enough bu#er at the end to hold B. Write a method to merge B into A in sorted order. \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q60. Explain for each loop \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q29. WJP to perform Merge sort using recursion \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q28. WJP to find factorial of a number using recursion \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q 62. write an algorithm to reverse first 3 numbers, then next 3 numbers, then next 3 numbers, the number will be based on var k. Array = [3,2,4,7,0,3,1,5,8, 4] k=3 OutPut = [4,2,3,3,0,7,8,5,1,4] \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q24. Write a program which inputs a positive natural number N and prints the possible consecutive number combinations, which when added give N. INPUT: N = 9 OUTPUT: 4 + 5 2 + 3+ 4 \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q15. Given a string print the unique words of the string. \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q56. Will java supports multiple inheritance? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q42. What is the difference between array and array list? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q50. What are java exceptions? Give me an example \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q19. WJP to display number of occurrence of all character \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q12. Write a program to check palindrome (MalayalaM) for both numbers and string? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q30. Write a function to find out longest palindrome in a given string? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q39. What is method overloading and Method over riding? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q48. Why Java is Platform independent? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q52. What is the difference between Error and exception? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q23. WJP to differentiate input as string, int or bool \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q55. What is the difference between final and finally? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q7. What are different ways to create String Object? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q59. What is boxing and unboxing in Java? Explain with an example \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q44. What is a vector in Java? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q14. Given a string print the reverse of the words string.(Input: Java Code Output: Code Java) \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q33. A circus is designing a tower routine consisting of people standing atop one another’s shoulders. For practical and aesthetic reasons, each person must be both shorter and lighter than the person below him or her. Given the heights and weights of each person in the circus, write a method to compute the largest possible number of people in such a tower. EXAMPLE: Input (ht, wt): (65, 100) (70, 150) (56, 90) (75, 190) (60, 95) (68, 110) Output: The longest tower is length 6 and includes from top to bottom: (56, 90) (60,95) (65,100) (68,110) (70,150) (75,190) \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q58. What are wrapper class? Give me an example \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q5. Given an array prints the unique numbers and also print the number of occurrences of duplicate numbers. \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q3. Given an array of integers, sort the integer values. \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q 63. What is multithreading, serialization and Generics in Java \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q11. How to Split String in java? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q54. What are collection APIs, give me an example \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q31. Read a file content and write it to a new file in reverse order.(reverse line 1-10 to line 10-1) \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q37. What is JVM and explain me the Java memory allocation \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q4. Given an array of integers check the Palindrome of the series. \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q41. What is the difference between String and String buffer? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q17. WJP to find total number of integers, uppercase and lowercase character in the give string \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q53. What is the difference between Error, throwable and exception? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q40. Why string is Immutable? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q47. What is an interface? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Submission Tracking ID - DO NOT CHANGE \*

This is important for tracking purposes. Do not change. Any change in this will make your submission void



Q51. What is the difference between throws and throwable? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q16. Write a method that will remove given character from the String? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Last Question: How was your Experience ? What did you get out of participating in this Challenge ? \*



Q21. WJP to convert string to int \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q46. What is an abstract class? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q22. WJP to convert int to string \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q25. Write a program for binary search. And 5 i/p has to take from user as binary elements. \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q26. WJP to merge two sorted array.(Do not use third array) array1[10] = 1,2,4,6,9,10 array2[4] = 3, 5,7,8 After merge : array1[10] = 1,2,3,4,5,6,7,8,9,10 \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q20. WJP to find total number of repeated integers, uppercase and lowercase character in the give string \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q49. What are access modifiers? Give me an example? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q2. write a program to find factorial (Non Recursive) \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q6. WJP to perform ascending order Selection sort \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q38. What is Polymorphism and encapsulation? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Quilgo Submission ID (do not edit) \*

⚠️ DO NOT EDIT this field or your time will not be recorded.



Q57. What are the different types of interface? (Ans List, set, Queue) \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q61. What are iterators, explain with an example \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q43. What is the difference between hash map and Hash table? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q18. WJP to display duplicate character in string \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this

Q10. What is String subSequence method? \*

Yes, I answered It. If this questions Asked in interview I will answer by my Own

No, I did not answer this