

Copy Java Training

Assignment	Details	Start Date	Completed Date
1	<ol style="list-style-type: none"> 1. Set Environment Variables such as classpath , path. 2. Write a program to find biggest number in a given Array 3. Write a program to sorting (Ascending order) given Array 4. Write a program to print the Fibonacci series 5. Write a program to Factorial of n numbers 6. Write a program to find the given string is Palindrome or not 7. Write a program to find given string length(With out String class). 8. Write a program to sorting String array 9. Write a program to check the input character for uppercase, lowercase, no. of digits and Special chars 10. Write a program to Copy a String to another 		
2	<ol style="list-style-type: none"> 1. Write a program to concatenate 2 strings 2. In java are the parameters passed by reference or by value (Write a program to test for basic data types , arrays ,strings ,string arrays and custom objects !) 3. Learning about access specifiers (Write java programs to bring about the difference between , public ,private,package and protected specifiers!) What is the meaning of declaring a class public? (try this by putting the class in a package and try to access the class from a different package!). 4. List down the differences between String and StringBuffer class . 5. Is the method main belong to any class? , if not why? , if so what are the access privileges to that method? 6. Is it possible to have a private constructor? (write a class and try it out!) , if possible how do you create an instance of it from another class? 7. Write a class and override "toString" method in the class object.(When you write a class "A" does it have any parent? , investigate!). 8. Is it possible to have a private class? (write a class and try it out! , try protected also!) 9. Write a java program to print the system properties (Hint : Refer to System class) Try to print the current working directory from you java program. 10. What is the meaning of declaring a method "static" ? how do you invoke such a method ? 11. Convert a float value to an integer (float to double etc.) (Hint use wrapper classes ,do not typecast them!). 		
3	<ol style="list-style-type: none"> 1. Write a program to compare 2 strings with and without ignoring case 2. write a program to find number of occurrence of sub string 3. Write a program to eliminate numeric values in an string 4. Write a program to eliminate a sub string from an string 5. Write a program to replace an char with an given char in an string 6. Write a program to Find & replace an sub string from an given string . 7. Write a program to Split the string into two/more with a delimiter 8. Write a program to Tokenize a string with a delimiter 9. Time & Date Print current time & date 10. Check an input time greater or less than current time (need to handle with date) 11. What is the difference between "==" operator and "equals" method in String Operations. "==" operator compares and returns numerical values. "equals" compares and returns the Boolean value(true or false). 12. What is the difference between "Life & scope of the variables". Explain with sample program. 		
4	<ol style="list-style-type: none"> 1. Exception Handling - Under standing the concepts of Exception handling and write sample programs. 2. what is package? write a program with packages? 		
5	<ol style="list-style-type: none"> 1. oops concepts with sample programs and what is use of it? <ol style="list-style-type: none"> 1. Inheritance 2. Overload 3. Override 4. Abstract 5. Interface 		
6	<ol style="list-style-type: none"> 1. Collection frame works - Write the sample program <ol style="list-style-type: none"> 1. ArrayList ,Hashtable, Enumeration,Calendar,Date,HashMap,Properties,Random,List,Iterator 2. IO Package <ol style="list-style-type: none"> 1. Readers 2. Writers 3. File access 3. Logger 		
7	<ol style="list-style-type: none"> 1. Threading - Understanding the concepts and example program 		
8	<ol style="list-style-type: none"> 1. XML Creation, Parsing 		

9	1. DB Connection - JDBC		
10	1. Sample Program for store and retrieve data from Memory (vector), file, XML and DB using java interface		
11	1. Tomcat server, JSP and Struts		
12	1. Mickey-Lite frame work		
13	1. Mickey-client frame work		
14	1. Mini Project - DCPortal		