| 1. Write a program which will explain me data types |
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| 1. **Note: don’t copy program on eclipse**  | **public** **class** Demo {  **public** **static** **void** main( String[] args ) {  **float** x = 10.5;  System.***out***.println( x );  }  } | **Find the output. If the output is an error, explain the reason.** | | --- | --- | |
| 1. **Note: don’t copy program on eclipse**  | **public** **class** Demo {  **public** **static** **void** main( String[] args ) {  **double** d = 10.5;  **int** x; //line 1  System.***out***.println( x );  }  } | Do changes at line 1 so that output will be 10 | | --- | --- | |
| 1. **Note: don’t copy program on eclipse**  | public class Demo {  public static void main( String[] args ) {  double d = 10.5;  x ; //line 1  System.*out*.println( x );  }  } | Do changes at line 1 so that output will be 10.5.  Don't assign 10.5 directly to x, make use of d. | | --- | --- | |
| 1. Write a program which will explain me char data type . |
| 1. Write a program. In the main method, declare one local variable of type String with name “sam”. And display it. |
| 1. Write a program. In the main method, declare two int local variables and perform its addition and display. |
| 1. Write a program which will explain to me the local variable concept. |
| 1. Take one static variable which will hold 10.5 value and display that value in the main method. |
| 1. Write a program which will explain to me three ways to use static variables. |
| 1. Write a program which will explain to me, static variables can be accessed in all the methods of that class. |
| 1. Create a Demo class with a static variable which will hold “sam”. Print that value in the main method of the Test class. |
| 1. Create a class Demo, declare two non static variables with 10 and 20. Print those two variables in the main method of Test class. |
| 1. Create one object of employee class with 1, ”sam”, 1000 details. Now create another object of employee class and data from object 1. And display data of the second object. |
| 1. Create a Demo class with three static variables which will hold 1, “sam”, 1000. Now create a Test class. In the main method of Test class, create an object of Employee and store data from static variables of Demo class. |
| 1. Create a Demo class with three static variables id,name,salary with empty data. Now in the main method, create an object of Employee class with 1, “sam”, 1000 details. Now take data from object and store them in those static variables and then print static variables. |