

1. Create a class cylinder and use getter and setters to set its radius and height, and use to calculate total surface area and volume.
2. Overload a constructor used to initialize a rectangle of length and breath 5 for using custom parameters.
3. Repeat problem 2 for sphere.
4. Write a constructor in the car class given below that initializes the brand class field with the “Ford”. Call the getBrand() method in the main method of the sample class and store the value of the brand in a variable, and print the value.
5. Do we have copy constructor in java?
6. Write a program to copy the values from one object to another object
7. What is constructor chaining. Give atleast one example with program.
8. Why constructor cannot be final, static, abstract?
9. Write a program to print the names of students by creating a student class. If no name is passed while creating an object of Student class, then the name should be “unknown”, otherwise the name should be equal to the string value passed while creating object of Student class.