

Java OOPs

Assignment Questions



Q1. What are the differences between class and object ?

Q2. Create a class named as student having attributes like String name, String rollNumber and String mobileNumber with a constructor accepting all the three attributes.

Q3. Create an object of the student class created above and print its attribute values as assigned by you.

Q4. Create a class named Animal having String name, String species and String genus along with an all argument constructor outside the main class.

Q5. What are the benefits of making class outside the main class ?

Q6. Why do we need a constructor ? Explain with the help of an example.

Q7. Make a Non-argument constructor of the class named Book which has attributes of string name and integer id and check output by printing the attribute values of the object after initializing it.

Q8. Why constructors in java cannot be static ?

Q9. What is a destructor? Do we have destructors in java?

Q10. What is constructor chaining? Explain with example.

Q11. Why is the main() method in Java always static?

Q12. Make a java class named Employee. Give it attributes like name, id and bossName. Make the bossName static. Write a function named print() which will print all three attributes.

Q13. As you have done in the previous question. Now, Make two objects of class Employee and assign them with unique attributes except bossName which will remain the same and then change the boss name of one object and then print e1.bossName and e2.bossName to see whether changing bossName of 1st employee has effect on bossName of second employee as well. Explain the output.

Q14. Make a Student class with attributes like String name and integer id. Use this keyword to assign values assigned by the user to object by making a parameterized constructor.

Q15. What is the significance of this keyword in java ?

Q16. Is it possible to overload a constructor?

Q17. What are Access modifiers in java? What types of access modifiers does java support?

Q18. What is the difference between static and non-static classes?

Q19. What is the final modifier, can you use it with classes?