

1. Write a Java program having a class EMPLOYEE which contain two fields name and qualification. Extend this class to DEPARTMENT containing deptno and deptname. Create an interface COMPANY containing one filled name\_of\_company. Use above classes and interfaces to get the appropriate information and display it.
2. Create a class Publisher which accepts an information about publisher id and publisher name. Create another class Book which Inherits Publisher which accepts an information about author name and book name. Create another class Category which inherits Book and accepts an information about category code and prints all the details of the book including publisher name, publisher id, author name, book name and category code of the book.
3. Write a java Program to implement inheritances in Java for Education Domain. Have the corresponding class and use one method that is overridden.
4. Create Customer class with relevant information like name, address, account number, current balance. Create BankApplication class and add customers to the bank application with relevant methods like setCustomer, getCustomerInfo etc.
5. Write a Program in Java for the implementation of Multiple inheritance using interfaces to calculate the area of a circle, rectangle and triangle.
6. Write a Program in java to give the average performance of Student using Multilevel Inheritance. Take 3 years marks from user at compile time.
7. Java program for banking management system
  - a. **This java program has following main menus:**
    - i. Create Account
    - ii. Deposit
    - iii. Withdrawal
    - iv. Exit
    - v. Use the concept of inheritance