class AddressBook {  
 String name = "Pooja";  
 long phone\_number = 123456789;  
 Address tempAddress;  
 Address permAddress;  
  
 class Address {  
 String name= "Pooja";  
 String street\_address;  
 String city;  
 String state;  
 }  
  
}  
public class TestApp{  
 public static void main(String[] args){  
 AddressBook a = new AddressBook();  
 AddressBook.Address b = a.new Address();  
 // for temporary address  
 b.street\_address="abc street 123";  
 b.city = "Kolkata";  
 b.state="West bengal";  
 a.tempAddress=b;  
 System.*out*.println("\nAddress details of "+a.name+"(Ph no: "+a.phone\_number+"):\n\nTemporary address:" +  
 "\nStreet address: "+a.tempAddress.street\_address+  
 "\nCity: "+a.tempAddress.city+"\n" +  
 "State: "+a.tempAddress.state);  
 AddressBook.Address b2 = a.new Address();  
 // for permanent address  
 b2.street\_address="def street 456";  
 b2.city = "Mumbai";  
 b2.state="Maharashtra";  
 a.permAddress=b2;  
 System.*out*.println("\nPermanent address:" +  
 "\nStreet address: "+a.permAddress.street\_address+  
 "\nCity: "+a.permAddress.city+"\n" +  
 "State: "+a.permAddress.state);  
 }  
}

