

```
1 -----Employee.java-----
2 package com.ameya.models;
3
4 public class Employee {
5
6     private int empId;
7     private String name;
8     private Address address;
9     public Employee() {}
10    public Employee(int empId, String name, Address address) {
11        this.empId = empId;
12        this.name = name;
13        this.address = address;
14    }
15    public int getEmpId() {
16        return empId;
17    }
18    public void setEmpId(int empId) {
19        this.empId = empId;
20    }
21    public String getName() {
22        return name;
23    }
24    public void setName(String name) {
25        this.name = name;
26    }
27    public Address getAddress() {
28        return address;
29    }
30    public void setAddress(Address address) {
31        this.address = address;
32    }
33    public void printEmployee() {
34        System.out.println("Employee Info. => ");
35        System.out.println("ID :: "+empId);
36        System.out.println("NAME :: "+name);
37        System.out.println("ADDRESS => ");
38        address.printAddress();
39    }
40 }
41 -----Address.java-----
```

```
42 package com.ameya.models;
43
44 public class Address {
45     private String addrLine;
46     private String city;
47     private String country;
48
49     public Address() {
50
51     }
52
53     public Address(String addrLine, String city, String country) {
54         this.addrLine = addrLine;
55         this.city = city;
56         this.country = country;
57     }
58
59     public String getAddrLine() {
60         return addrLine;
61     }
62     public void setAddrLine(String addrLine) {
63         this.addrLine = addrLine;
64     }
65     public String getCity() {
66         return city;
67     }
68     public void setCity(String city) {
69         this.city = city;
70     }
71     public String getCountry() {
72         return country;
73     }
74     public void setCountry(String country) {
75         this.country = country;
76     }
77     public void printAddress() {
78         System.out.println("Address Line 1 :: "+addrLine);
79         System.out.println("City :: "+city);
80         System.out.println("Country :: "+country);
81     }
82 }
```

```

83 -----EmployeeService.java-----
84 package com.ameya.services;
85
86 import com.ameya.models.Address;
87 import com.ameya.models.Employee;
88
89 public class EmployeeService {
90
91     private Employee employee;
92     public void create(int empId,String name,String addrLine,String
city,String country) {
93         employee=new Employee(empId,name,new
Address(addrLine,city,country));
94         System.out.println("++++ Employee Created +++++");
95     }
96     public void displayEmployeeDetails() {
97         employee.printEmployee();
98     }
99 }
100 -----TestComposition.java-----
101 package com.ameya.test;
102
103 import com.ameya.services.EmployeeService;
104
105 public class TestComposition {
106
107     public static void main(String[] args) {
108         EmployeeService service=new EmployeeService();
109         service.create(100, "Ameya Joshi", "Kothrud", "Pune", "India");
110         service.displayEmployeeDetails();
111     }
112
113 }
114

```