

Assignment

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```
public interface Supervisor {  
    public void employeeMange();  
    public void makeReport();  
}
```

```
public interface Junior_Manager {  
    public void Finance();  
    public void Manage();  
}
```

// Multiple inheritance with interfaces.

```
public class Lower_Management implements Supervisor, Junior_Manager {
```

```
    private static String jr_Manager = "Mahesh Babu";
```

```
    // encapsulating jr_Manager variable.
```

```
    private static int age_jr_Mangr = 27;
```

```
    private static String Supervisor = "Ram Babu";
```

```
    private static int age = 23;
```

// creating method to access the private or encapsulated

value from other classes.

```
    public void jr_Mang_info () {
```

```
        System.out.println("manager name : " + jr_Manager);
```

```
        System.out.println("Manager age : " + age);
```

```
    }
```

```
    public void supervisor_info () {
```

```
        System.out.println("supervisor name : " + Supervisor);
```

```
        System.out.println("supervisor age : " + age);
```

```
    }
```

// implementing interfaces methods

```
public void Finance() {  
    System.out.println("Managing finance");
```

```
}  
public void employeeMange() {  
    System.out.println("employee deployment");
```

// now creating middle level admin class by extending
low-level-Manager class.

```
public class Middle-Management extends lower-Management {  
    private static Manager-name = "harish";
```

```
    private static int age = 34;
```

// encapsulated variables.

// creating class method to access encapsulated
variables from other classes

```
public void Manager-info() {  
    System.out.println("Manager name: " + manager-name);
```

```
    System.out.println("Manager age is: " + age);
```

```
}
```

```
public void report-lowlevel-mang() {
```

```
    System.out.println("lowlevel management  
report);
```

```
}
```

// creating Top management class by extending middle management class.

// so that this class can access all levels information.

```
public class TopManagement extends MiddleManagement {
```

```
    public static void fireMiddlelevel() {
```

```
        System.out.println("Rights on levels");
```

```
    }
```

// creating main method to access other classes data.

```
    public static void main(String[] args) {
```

```
        // creating object
```

```
        TopManagement T = new TopManagement();
```

```
        T.jr-mang-info();
```

```
        T.Supervisor-info();
```

```
        T.Manager-info();
```

```
    }
```

```
}
```

// output:

jr-manager name: Mahesh Babu.

jr-manager age: 27

Supervisor name: Ram Babu

Supervisor age: 23.