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Java Work - ZSGS/src/Class_DAY9/first.java - Eclipse IDE
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first.java
7 * ISBN etc. Create appropriate instance variables,
8 * static variables and methods with appropriate access
9 * modifiers.*/
10
11 class Book{
12     private String title;
13     private int ISBN;
14     private String author;
15     private float price;
16     Book(String title,String author,int ISBN,float price) {
17         this.author = author;
18         this.title = title;
19         this.ISBN = ISBN;
20         this.price = price;
21     }
22
23     public void getBook() {
24         System.out.println("Title : "+title);
25         System.out.println("ISBN : "+ISBN);
26         System.out.println("Author : "+author);
27         System.out.println("Price : "+price);
28         System.out.println();
29     }
30
31 }
32
33 public class first {
34
35     public static void main(String[] args) {
36         List<Book> list = new ArrayList<Book>();
37         list.add(new Book("Java", "Vengat", 12, 734.5f));
38         list.add(new Book("C++", "Vengatesh", 7, 353.5f));
39         list.add(new Book("Python", "Venkat", 10, 986.5f));
40
41         for(Book b : list) {
42             b.getBook();
43         }
44     }
45 }
```

```

Title : Java
ISBN : 12
Author : Vengat
Price : 734.5

Title : C++
ISBN : 7
Author : Vengatesh
Price : 353.5

Title : Python
ISBN : 10
Author : Venkat
Price : 986.5

<terminated> first (7) [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (Jul 27, 2024, 11:24 PM)
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Java Work - ZSGS/src/Class_DAY9/second.java - Eclipse IDE
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second.java
30 import java.util.ArrayList;
31 import java.util.List;
32
33 /*2. Create an Employee DTO class. Create appropriate
34 * instance variables, static variables and methods
35 * with appropriate access modifiers. Maintain encapsulation
36 * by giving controlled access to employee's PII.*/
37
38 class Emp{
39     private String Name;
40     private int Id;
41     private long Phone;
42     private String Email;
43     private String Address;
44     static final String Company = "Zoho";
45
46     Emp(String name,int id,long phone,String email,String address) {
47         Name = name;
48         Id = id;
49         Phone = phone;
50         Email = email;
51         Address = address;
52     }
53
54     public void getEmp() {
55         System.out.println("Company : " + Company);
56         System.out.println("Name : " + Name);
57         System.out.println("Id : " + Id);
58         System.out.println("Phone : " + Phone);
59         System.out.println("Email : " + Email);
60         System.out.println("Address : " + Address);
61         System.out.println();
62     }
63
64 }
65
66 public class second{
67
68     public static void main(String[] args) {
69         List<Emp> list = new ArrayList<Emp>();
70         list.add(new Emp("Vengat", 1, 9087366333, "vengatesh@gmail.com", "Chennai"));
71         list.add(new Emp("Vengat", 2, 9878973624, "vengat@gmail.com", "Madurai"));
72         list.add(new Emp("Venkat", 3, 8977464378, "venkat@gmail.com", "Thenkasi"));
73
74         for(Emp e : list) {
75             e.getEmp();
76         }
77     }
78 }
```

```

Company : Zoho
Name : Vengatesh
Id : 1
Phone : 9087366333
Email : vengatesh@gmail.com
Address : Chennai

Company : Zoho
Name : Vengat
Id : 2
Phone : 9878973624
Email : vengat@gmail.com
Address : Madurai

Company : Zoho
Name : Venkat
Id : 3
Phone : 8977464378
Email : venkat@gmail.com
Address : Thenkasi

<terminated> second (8) [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (Jul 27, 2024, 11:24 PM)
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Java Work - ZSGS/src/Class_DAY9/third.java - Eclipse IDE
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third.java
1 package Class_DAY9;
2 /**Create Flight DTO class. Create appropriate instance
3 * variables, static variables and methods with
4 * appropriate access modifiers.*/
5 class Flight{
6     private String Name;
7     private String DOB;
8     private String PassportNo;
9     private String Origin;
10    private String Destination;
11
12    public void setPass(String name,String dob,String passportNo, String orig
13        Name = name;
14        DOB = dob;
15        PassportNo = passportNo;
16        Origin = origin;
17        Destination = destination;
18    }
19    public void getPass(){
20        System.out.println("Name : "+Name);
21        System.out.println("DOB : "+DOB);
22        System.out.println("Passport No: "+PassportNo);
23        System.out.println("Origin : "+Origin);
24        System.out.println("Destination : "+Destination);
25    }
26 }
27 }
28
29 public class third {
30
31    public static void main(String[] args) {
32        Flight f = new Flight();
33        f.setPass("Vengat", "24/10/2001", "F10-CHEN", "Chennai", "Delhi");
34        f.getPass();
35    }
36 }
37 }
38 }

Console
terminated: third (0) [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (Jul 27, 2024, 11:25 PM)
Name : Vengat
DOB : 24/10/2001
Passport No: F10-CHEN
Origin : Chennai
Destination : Delhi
```

```
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    DAY7
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    Workouts
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fourth.java
5 import java.util.*;
6 //4. Create a Movie DTO class
7 class Movie{
8     private String Name;
9     private String DOR;
10    private String Director;
11    private String Hero;
12    static int Rate;
13
14    Movie(String name,String dor,String director,String hero,int rate) {
15        Name = name;
16        DOR = dor;
17        Director = director;
18        Hero = hero;
19        Rate = rate;
20    }
21    public void getMovie(){
22        System.out.println("Movie Name : "+Name);
23        System.out.println("Date of Release : "+DOR);
24        System.out.println("Movie Director : "+Director);
25        System.out.println("Movie Hero : "+Hero);
26        System.out.println("Movie Rating : "+Rate+"*10");
27    }
28 }
29
30 }
31 }
32 public class fourth {
33
34    public static void main(String[] args) {
35        List<Movie> list = new ArrayList<>();
36        list.add( new Movie("LEO", "26/7/2024", "Vetrimaran", "Dhanush", 6));
37        list.add( new Movie("LEO", "18/10/2023", "Lokesh", "Vijay", 8));
38        list.add( new Movie("Master", "16/1/2022", "Lokesh", "Vijay", 7));
39
40        for(Movie m : list) {
41            m.getMovie();
42        }
43    }
44 }

Console
terminated: fourth (3) [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (Jul 27, 2024, 11:25 PM)
Movie Name : LEO
Date of Release : 26/7/2024
Movie Director : Vetrimaran
Movie Hero : Dhanush
Movie Rating : 7/10

Movie Name : LEO
Date of Release : 18/10/2023
Movie Director : Lokesh
Movie Hero : Vijay
Movie Rating : 7/10

Movie Name : Master
Date of Release : 16/1/2022
Movie Director : Lokesh
Movie Hero : Vijay
Movie Rating : 7/10
```

