

Fish.java

⋮

```

1- public class Fish {
2-     private String typeOfFish;
3-     private int friendliness;
4-
5-     public Fish() {
6-         this.typeOfFish = "Unknown";
7-         this.friendliness = 3;
8-     }
9-     public Fish(String t, int f) {
10-         this.typeOfFish = t;
11-         this.friendliness = f;
12-     }
13-     public int getFriendliness() {
14-         return this.friendliness;
15-     }
16-     public static Fish nicestFish(Fish fish1, Fish fish2) {
17-         return (fish1.getFriendliness() > fish2.getFriendliness()) ? fish1 : fish2;
18-     }
19-     public static Fish nicestFish(Fish... fishArray) {
20-         if (fishArray.length == 0) return null;
21-
22-         Fish temp = fishArray[0];
23-         for (Fish fish : fishArray) {
24-             if (fish.getFriendliness() > temp.getFriendliness()) {
25-                 temp = fish;
26-             }
27-         }
28-         return temp;
29-     }
30-     @Override
31-     public String toString() {
32-         return typeOfFish + " (Friendliness: " + friendliness + ")";
33-     }
34-     public static void main(String[] args) {
35-
36-         Fish fish1 = new Fish("AngelFish", 5);
37-         Fish fish2 = new Fish("Guppy", 3);
38-         Fish fish3 = new Fish("ClownFish", 4);
39-
40-         Fish nicestTwo = Fish.nicestFish(fish1, fish2);
41-         System.out.println("Nicest Fish between two: " + nicestTwo);
42-
43-         Fish nicestMultiple = Fish.nicestFish(fish1, fish2, fish3);
44-         System.out.println("Nicest Fish among multiple: " + nicestMultiple);
45-     }
46- }
47-

```

```

Nicest Fish between two: AngelFish (Friendliness: 5)
Nicest Fish among multiple: AngelFish (Friendliness: 5)


...Program finished with exit code 0
Press ENTER to exit console.

```



Employee.java

```
1
2 public class Employee {
3     private String name;
4     private String address;
5     private double salary;
6     private String phoneNumber;
7
8     public Employee(String name, String address, double salary, String phoneNumber) {
9         this.name = name;
10        this.address = address;
11        this.salary = salary;
12        this.phoneNumber = phoneNumber;
13    }
14    public String getName() {
15        return name;
16    }
17    public void setName(String name) {
18        this.name = name;
19    }
20    public String getAddress() {
21        return address;
22    }
23    public void setAddress(String address) {
24        this.address = address;
25    }
26    public double getSalary() {
27        return salary;
28    }
29    public void setSalary(double salary) {
30        this.salary = salary;
31    }
32    public String getPhoneNumber() {
33        return phoneNumber;
34    }
35    public void setPhoneNumber(String phoneNumber) {
36        this.phoneNumber = phoneNumber;
37    }
38 }
39
```

BasicMath.java 

```
1
2 public class BasicMath {
3     protected int adding(int a, int b) {
4         return a + b;
5     }
6 }
7
```