

PRA Assessment

Time: 1 hr

Create package com.

Create a class **Appartment** with below attributes:

```
int flatNo;  
  
String flatOwner;  
  
double waterBill;  
  
double electricityBill;
```

Make all the attributes private. Create corresponding getters and setters.

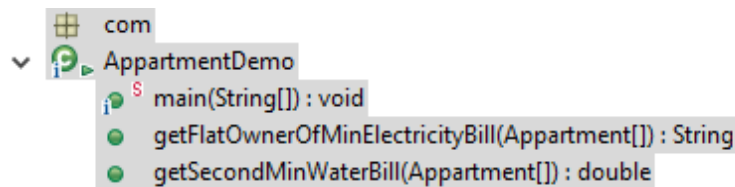
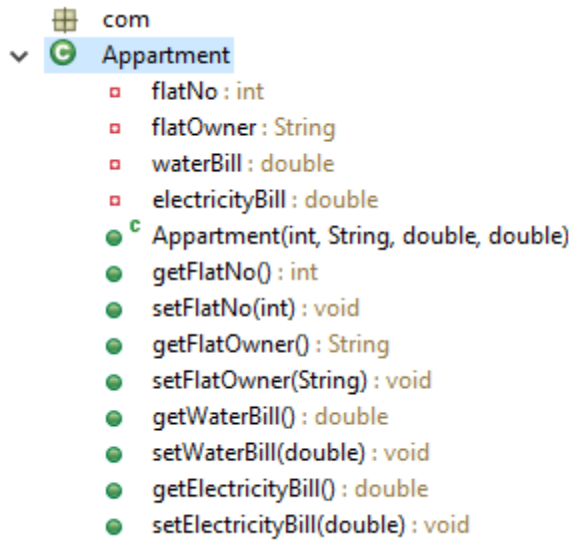
Create a constructor which takes all parameters in the above sequence. The constructor should set the value of attributes to parameter values inside the constructor.

Create a class **AppartmentDemo** with main method

Create a method **getSecondMinWaterBill** which takes array of **Appartment** objects as input parameter and returns the second minimum water bill amount (assume that no **Appartment** objects have same water bill amount).

Create another method **getFlatOwnerOfMinElectricityBill** in the **AppartmentDemo** class. This method will takes array of **Appartment** objects as input parameter and returns the Flat owner name who is having minimum electricity bill amount (assume that no **Appartment** objects have same electricity bill amount)

Consider below image to refer exact class and method templates.



Please ensure that class names, attribute names, method signature etc. is same as above. Else your code will fail and score would be zero.

Refer below sample main method and test the output. You can copy the same code in main method and test the implementation.

Next submit the code in iASCERT for evaluation. Also upload the code in iON assignment activity.

Sample main method:-

```
public static void main(String[] args) {  
  
    Appartment a1 = new Appartment(101, "Ram", 400, 660);  
    Appartment a2 = new Appartment(102, "Krish", 420, 650);  
    Appartment a3 = new Appartment(103, "Vijay", 430, 630);  
    Appartment a4 = new Appartment(104, "Murthy", 480, 690);  
    Appartment a5 = new Appartment(105, "Jhon", 460, 680);  
}
```

```
Appartment[] apts = { a1, a2, a3, a4, a5 };

AppartmentDemo demo = new AppartmentDemo();

    System.out.println("Flat Owner of Min Electricity Bill : " +
demo.getFlatOwnerOfMinElectricityBill(apts));

    System.out.println("Second Min water Bill : "+
demo.getSecondMinWaterBill(apts));

}
```

Output is:-

Flat Owner of Min Electricity Bill : Vijay

Second Min water Bill : 420.0

***** All The Best *****