

Class Heater – heater-exercise

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```
1 public class Heater
2 {
3     private double temperature, min,max,increasement;
4
5     public Heater(double _min, double _max)
6     {
7         min = _min;
8         max = _max;
9         temperature = 15.0;
10        increasement = 5.0;
11    }
12
13    public void warmer()
14    {
15        double temp = temperature + increasement;
16
17        if(temp <= max)
18        {
19            temperature = temp;
20        }
21    }
22
23    public void cooler()
24    {
25        double temp = temperature - increasement;
26
27        if(temp >= min)
28        {
29            temperature = temp;
30        }
31    }
32
33    public double getTemperature()
34    {
35        return temperature;
36    }
37
38    public void setIncreasement(double increasementValue)
39    {
40        if(increasementValue >= 0)
41        {
42            increasement = increasementValue;
43        }
44    }
45 }
```