

```
1 #include "Water.h"
2 #include<iostream>
3 #define PR 7
4 #define PR2 10
5 #define TH 20
6
7 using namespace std;
8
9 Water::Water(int c) {
10
11     consumption = c;
12 }
13 Water::~Water(void) {
14
15     cout << "please pay your bill on time." << endl;
16 }
17
18 double Water::calcBill(void) { //public member can access the private directly
19     if (getTh() == 0) return PR*consumption;
20     else return PR * TH + PR2 * (consumption - TH);
21 }
22 void Water::setCon(void) {
23
24     cout << "please enter water usage: ";
25     cin >> consumption;
26 }
27 int Water::getCon(void) {
28
29     return consumption;
30 }
31
32 int Water::getTh(void) {
33
34     if (consumption > TH) return 1; //above th
35     else return 0; //equal to or
36
37
38 }
39
```