

```
1 //What is the output of the following snippet ?
2
3 #include <iostream>
4 using namespace std;
5
6 class A
7 {
8 public:
9     float v;
10    float set(float v)
11    {
12        A::v += 1.0;
13        return v;
14    }
15    float set(void)
16    {
17        A::v = v + 1.0;
18        return 0.0;
19    }
20    float get(float v)
21    {
22        v += A::v;
23        return v;
24    }
25 };
26
27 int main()
28 {
29     A a;
30     //a.set(); //a.v = 1.0
31     //a.set(0.0); //a.v = 2.0 but returns 0.0
32     //a.set(0.0); //a.v = 3.0 but returns 0.0
33     //a.get(0.0); //v = 3.0
34     cout << a.get ( a.set( a.set( a.set() ) ) );
35     return 0;
36 }
```