

Terminal outputs for various code demos provided by *theConstruct* to learn. Snapshots from the course to go along with demo code.

Demo 1

```
Details for 'Green' tray are:  
Crystal count : 10  
Time required : 20.2  
Shapes available are:  
fish  
crab  
star
```

Demo 2

```
demo_32.cpp: In function 'int main()':  
demo_32.cpp:20:16: error: 'std::string IceTray::fish_shape' is private within this context  
20 | orange_juice.fish_shape = "frozen";  
   | ^~~~~~  
demo_32.cpp:5:15: note: declared private here  
5 | std::string fish_shape;  
   | ^~~~~~  
demo_32.cpp:21:16: error: 'std::string IceTray::star_shape' is private within this context  
21 | orange_juice.star_shape = "not frozen";  
   | ^~~~~~  
demo_32.cpp:6:15: note: declared private here  
6 | std::string star_shape;  
   | ^~~~~~  
demo_32.cpp:24:22: error: 'void IceTray::status()' is private within this context  
24 | orange_juice.status();  
   | ^~~~~~  
demo_32.cpp:8:8: note: declared private here  
8 | void status(){  
   | ^~~~~~
```

Demo 3

```
Crystal which is in fish shape is frozen and the one in star shape is not frozen
```

Demo 4

```
Frozen
```

Demo 5

```
Crystal which is in fish shape is frozen and the one in star shape is not frozen  
Crystal which is in fish shape is frozen and the one in star shape is frozen  
Destructor is called  
Destructor is called.
```

Demo 6

```
Constructor called.  
10 crystals are ready  
Constructor called.  
20 crystals are ready  
Total refill counts: 2
```

Demo 7

```
getValue2() using const object apple_juice : 5  
getValue1() using non-const object lemon_juice : 9  
getValue2() using non-const object lemon_juice : 9
```

Demo 8

```
10 , Tree
```

Demo 9

```
9 , Tree
```

Demo 10

```
error: 'this' is unavailable for static member functions
```

Demo 11

```
Old object: 5  
New object: 5
```

Demo 12

```
0 3
```

Demo 13

Will give an error.

Demo 14

```
Number of crystals in orange juice tray: 0  
Number of crystals in lemon juice tray: 5
```