

Main.cpp

```
#include <iostream>
```

```
#include "can.h"
```

```
using namespace std;
```

```
//Joon Im
```

```
//Marie Payad
```

```
//Time Demo: 9:06 PM
```

```
int main()
```

```
{
```

```
    can c[6];
```

```
    c[0] = can("Coke", 12);
```

```
    cout << "\n";
```

```
    c[1] = can("Mango Monster Energy Drink", 16);
```

```
    c[2] = can("Red Bull", 8);
```

```
    c[3] = can("Bang!", 16);
```

```
    c[4] = can("Venom Energy", 16);
```

```
    c[5] = can("Jolt Cola", 12);
```

```
    for(int i = 0; i<6;i++)
```

```
    {
```

```
        c[i].display();
```

```
        cout << "\n";
```

```
    }
```

```
    int ounce[] = {12,16,8,16,16,12};
```

```
    int sum = 0;
```

```
    for(int i = 0; i < 6; i++)
```

```
    {
```

```
        sum += ounce[i];
```

```
}  
  
cout << "The sum of the weights: " << sum << " ounces ";
```

```
    return 0;
```

```
}
```

```
Can.cpp
```

```
#include "can.h"
```

```
#include <string>
```

```
#include <iostream>
```

```
using namespace std;
```

```
can::can()
```

```
{
```

```
    contents = "empty";
```

```
    ounce = 0;
```

```
}
```

```
can::can(string c, int o)
```

```
{
```

```
    contents = c;
```

```
    ounce = o;
```

```
}
```

```
void can::display()
```

```
{
```

```
    cout << ounce << " ounce of " << contents;
```

```
}
```

Can.h

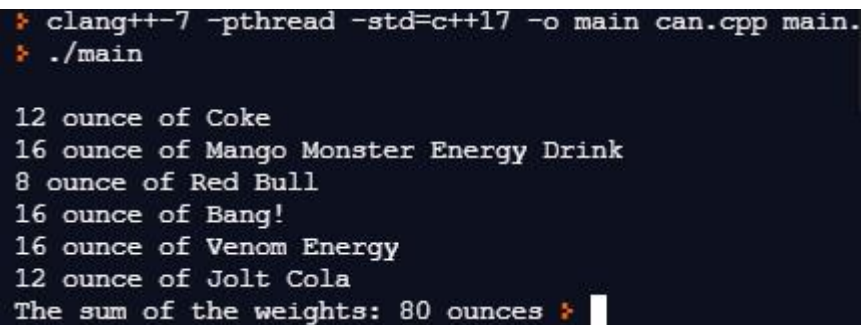
```
#ifndef CAN_H
#define CAN_H

#include <string>

using namespace std;
```

```
class can {
private:
    string contents;
    int ounce;
public:
    can();
    can(string, int);
    void display();
};
```

```
#endif /* CAN_H */
```



```
❖ clang++-7 -pthread -std=c++17 -o main can.cpp main.
❖ ./main

12 ounce of Coke
16 ounce of Mango Monster Energy Drink
8 ounce of Red Bull
16 ounce of Bang!
16 ounce of Venom Energy
12 ounce of Jolt Cola
The sum of the weights: 80 ounces ❖
```