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 */
```