main.cpp

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#include "Can.h"

#include <iostream>

using namespace std;

void display(Can arrOfCan[]) {

int totalWeight = 0;

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

arrOfCan[i].display();

totalWeight += arrOfCan[i].getWeight();

}

cout << "The total weight of the array of can is " << totalWeight << " ounce(s).\n";

};

int main() {

Can coke("Coke", 12);

Can mangoMonster("Mango Monster Energy Drink", 16);

Can redBull("Red Bull", 8);

Can bang("Bang!", 16);

Can venomEnergy("Venom Energy", 16);

Can joltCola("Jolt Cola", 12);

Can canList[6];

canList[0] = coke;

canList[1] = mangoMonster;

canList[2] = redBull;

canList[3] = bang;

canList[4] = venomEnergy;

canList[5] = joltCola;

display(canList);

return 0;

}

Can.h

#ifndef CAN\_H

#define CAN\_H

#include <iostream>

using namespace std;

class Can {

private:

string name;

int weight;

public:

Can();

Can(string name, int weight);

string getName();

int getWeight();

void display();

};

#endif

Can.cpp

#include "Can.h"

#include <iostream>

Can::Can() {

name = "None";

weight = 0;

}

Can::Can(string name, int weight) {

this->name = name;

this->weight = weight;

}

string Can::getName() { return name; }

int Can::getWeight() { return weight; }

void Can::display() { std::cout << weight << " ounce can of " << name << endl; }

Text

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