| 2,3,4,10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,8.11,18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5,7,13,16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6,9,17,19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12,14,15,20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6,10,14,19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7,12,13,15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3,5,17,18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9,11,16,20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,2,4,8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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#include <stdio.h>

#include <ctype.h>

#include <string>

#include <iostream>

#include "sales\_item.h"

#include <vector>

int main(int argc, char \*argv[])

{

int a;

std::vector<Sales\_Item> vItem;

Sales\_Item item;

*while*(std::cin >> item){

*if*(item.isbn == "")

*break*;

*if*(vItem.size() == 0)

vItem.push\_back(item);

*for*(int i = 0; i < vItem.size(); i++){

*if*(vItem[i].isbn == item.isbn)

vItem[i] += item;

*else*

vItem.push\_back(item);

}

}

*for*(int i = 0; i < vItem.size(); i++)

std::cout << vItem[i] << std::endl;

std::cin >> a;

*return* (0);

}

#ifndef SALES\_ITEM\_H

#define SALES\_ITEM\_H

#include <string>

#include <iostream>

*class* Sales\_Item

{

*public*:

*//isbn* *<<* *>>* *+* *+=*

std::string isbn;

float price;

float sum;

int num;

*public*:

Sales\_Item();

*friend* std::istream& *operator* >>(std::istream& is, Sales\_Item& si)

{

std::cout << "Enter book data isbn-N-price\n";

si.isbn = "";

is >> si.isbn >> si.num >> si.price;

si.sum = si.num \* si.price;

*return* is;

}

*friend* std::ostream& *operator* <<(std::ostream& os, Sales\_Item& si)

{

os << si.isbn << " " << si.num <<" " << si.sum <<" " << si.price;

*return* os;

}

Sales\_Item *operator* + (Sales\_Item& item)

{

Sales\_Item si;

*if*(isbn == item.isbn)

{

si.isbn = isbn;

si.num = num + item.num;

si.sum = sum + item.sum;

si.price = si.sum / si.num;

}

*else*

{

}

*return* si;

}

Sales\_Item *operator* += (Sales\_Item& item)

{

*if*(isbn == item.isbn)

{

sum += item.sum;

num += item.num;

price = sum / num;

}

*else*

{

}

*return* \**this*;

}

std::string GetIsbn()

{

*return* isbn;

}

};

#endif *//* *SALES\_ITEM\_H*