#include <iostream>

using namespace std;

int main(){

float sales, total, i = 0;

cout << "-999 to stop.\n";

do{

cout << "Enter the sales amount: ";

cin >> sales;

if (sales > 100.00){

cout << sales << endl;

total += sales;

i++;

}

} while (sales != -999);

cout << "Average of all sales combined: " <<(total/i);

return 0;

}

/\*

-999 to stop.

Enter the sales amount: 100

Enter the sales amount: 200

200

Enter the sales amount: 300

300

Enter the sales amount: 100.01

100.01

Enter the sales amount: -999

Average of all sales combined: 200.003

Press Enter to return to Quincy...

\*/

#include <iostream>

#include <string>

using namespace std;

int main(){

int i = 1, total=0, sales, good=0;

string goodsales[201];

while (i < 5){

string salesman;

cout << "Enter the salesman's name: ";

cin >> salesman;

cout << "Enter their sales: ";

cin >> sales;

if (sales > 5000){

goodsales[good] = salesman;

good++;

} else if (sales < 200)

cout << "BAD SALES.\n";

if(sales < 5000)

total++;

i++;

}

cout << "The salesmen who exceeded $5000 are: " << endl;

while (good > 0){

cout << goodsales[good-1] << endl;

good--;

}

cout << "Amount of sales less than 5000: " << total;

return 0;

}

/\*

Enter the salesman's name: a

Enter their sales: 50

BAD SALES.

Enter the salesman's name: b

Enter their sales: 500

Enter the salesman's name: c

Enter their sales: 5500

Enter the salesman's name: d

Enter their sales: 6000

The salesmen who exceeded $5000 are:

d

c

Amount of sales less than 5000: 2

Press Enter to return to Quincy...

\*/

#include <iostream>

#include <string>

using namespace std;

int main(){

int item\_num, zero\_below=0, i = 0;

float cost, average, total=0;

int names[100];

for (int a = 0; a < 100; a++){

names[a] = a;

}

for (i = 1; i < 6; i++){

cout << "Enter the item number and the cost: ";

cin >> item\_num >> cost;

if (cost == 0) {

cout << "FREE ITEM\n";

zero\_below++;

} else if (cost < 0){

cout << "DATA ERROR\n";

zero\_below++;

} else

total += cost;

cout << "Item: " << names[item\_num] << endl << "Price: " << cost << endl << "Average price: " << (total/(i-zero\_below)) << endl;

}

return 0;

}

/\*

Enter the item number and the cost: 1

10

Item: 1

Price: 10

Average price: 10

Enter the item number and the cost: 2

50

Item: 2

Price: 50

Average price: 30

Enter the item number and the cost: 0

0

FREE ITEM

Item: 0

Price: 0

Average price: 30

Enter the item number and the cost: -344

-40

DATA ERROR

Item: 127

Price: -40

Average price: 30

Enter the item number and the cost: 45

45

Item: 45

Price: 45

Average price: 35

\*/

#include <iostream>

using namespace std;

float liter = 0.264179;

int main(){

float gas, miles, answer;

int again = 1;

float mpg(float, float);

while (again == 1 ){

cout << "Enter number of litters of gasoline consumed by the your car and the number of miles traveled by your car: ";

cin >> gas >> miles;

answer = mpg(gas, miles);

cout << "MPG: " << answer;

cout << "\nAgain? \n1 for yes. 0 for no.";

cin >> again;

}

return 0;

}

float mpg(float a, float b){

return (b/(a\*liter));

}

/\*

Enter number of litters of gasoline consumed by the your car and the number of miles traveled by your car: 10

20

MPG: 7.57062

Again?

1 for yes. 0 for no.1

Enter number of litters of gasoline consumed by the your car and the number of miles traveled by your car: 500

2

MPG: 0.0151412

Again?

1 for yes. 0 for no.1

Enter number of litters of gasoline consumed by the your car and the number of miles traveled by your car: 1

500

MPG: 1892.66

Again?

1 for yes. 0 for no.0

\*/

#include <iostream>

using namespace std;

int main(){

float year\_ago, today;

double inflation;

int again;

do {

cout << "Enter the price of your item from one year ago and then the current price: ";

cin >> year\_ago >> today;

inflation = ((today - year\_ago)/year\_ago)\*100;

cout << "Inflation rate for this item is: " << inflation << "%";

cout << "\nAgain? 1 for yes. 0 for no.";

cin >> again;

} while (again == 1);

return 0;

}

/\*

Enter the price of your item from one year ago and then the current price: 10

20

Inflation rate for this item is: 100%

Again? 1 for yes. 0 for no.1

Enter the price of your item from one year ago and then the current price: 100

50

Inflation rate for this item is: -50%

Again? 1 for yes. 0 for no.0

Press Enter to return to Quincy...

\*/