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#include <iostream>

#include <map>

using namespace std;

class Calculate {

map<string, int> price = {{"Leather wallet", 1100}, {"Umbrella", 900}, {"cigrate", 200}, {"Honey", 100}};

map<string, int> gst = {{"Leather wallet", 18}, {"Umbrella", 12}, {"cigratte", 28}, {"Honey", 0}};

map<string, int> quantity = {{"Leather wallet", 1}, {"Umbrella", 2}, {"cigratte", 3}, {"Honey", 4}};

int maxGst = 0;

string nameOfMaxGst ="";

public:

void insertItem(string name,int unitPrice, int gs, int qt) {

price[name] = unitPrice;

gst[name] = gs;

quantity[name] = qt;

}

int getPrice() {

int tot = 0;

for(auto i: price) {

int currPrice = price[i.first]\*quantity[i.first];

int dis = 0;

if(price[i.first] > 500) {

dis = (5\*price[i.first])\*100;

}

int currgst = (gst[i.first]\*currPrice)/100;

if(currgst > maxGst) {

maxGst = currgst;

nameOfMaxGst = i.first;

}

tot+= (currPrice+dis+currgst);

}

return tot;

}

string getMaxGstName() {

return nameOfMaxGst;

}

};

int main()

{

Calculate ob;

cout<<"Total Price "<<ob.getPrice()<<"\n";

cout<<"maximum GST paid "<<ob.getMaxGstName()<<"\n";

return 0;

}