#include <iostream>

#include <string>

using namespace std;

int main() {

string response;

int quit, days, total;

double dailyRate, chargeService, chargeMedication;

cout << "Were you an inpatient or outpatient during your last stay? "

<< "(or 'q' to quit): ";

while ((response != "Inpatient" && response != "inpatient") || (response != "Outpatient" && response != "outpatient"))

{

cin >> response;

if (response == "q")

{

cout << "You have quit the program!";

}

else if (response == "Inpatient" || response == "inpatient")

{

cout << "How many days did you spend at the Hospital?: ";

cin >> days;

cout << "What was the daily rate for your stay?: $";

cin >> dailyRate;

cout << "What were the charges for the services in the Hospital?: $";

cin >> chargeService;

cout << "What were the charges for the medications in the Hospital?: $";

cin >> chargeMedication;

total = (days \* dailyRate) + chargeService + chargeMedication;

cout << "The total for your stay is $" << total;

}

else if (response == "Outpatient" || response == "outpatient") {

cout << "What were the charges for the services in the Hospital?: $";

cin >> chargeService;

cout << "What were the charges for the medications in the Hospital?: $";

cin >> chargeMedication;

total = chargeService + chargeMedication;

cout << "The total for your stay is $" << total;

}

else

cout << "Please enter a valid input!";

}

system("pause>nul");

return 0;

}