//Assessment2

#include<iostream>

#include<string>

#include<cmath> // For ceil() funciton

using namespace std;

//Wedding Event

class Event

{

public:

string name,fl\_name;

int guest,minutes;

double server,cost\_server,cost\_food,cost\_person;

double totalcost,avarage,deposit\_amount;

wd\_create()

{

//Name of the Event

cout<<"Enter the name of the Event"<<endl;

cin>>name;

//customer's first and last name

cout<<"Enter the customer's first and last name"<<endl;

cin>>fl\_name;

//Enter the number of guest

cout<<"Enter the numbers of guest"<<endl;

cin>>guest;

//Enter the number of minutes in the event

cout<<"\n\nEnter the number of minutes in the event"<<endl;

cin>>minutes;

}

wd\_name()

{

cout<<"====================Event Estimate for : "<<fl\_name<<"===================="<<endl;

}

//2nd part

wd\_cost()

{

const double costperhour = 18.50;

const double costperminute = 0.40;

const double costofdinner = 20.70;

//hours work

cout<<"Number of server:";

cin>>server;

cout<<"The cost for server:";

cin>>cost\_server;

cout<<"The cost for food is:";

cin>>cost\_food;

avarage= cost\_food / guest;

cout<<"Avarage cost per person:"<<avarage<<endl;

}

wd\_total()

{

totalcost = cost\_food + (cost\_server\*server);

cout<<"\nThe total cost of the food is :"<<totalcost;

cout<<"\nPlease deposit a 25% deposit to reserve the event";

}

wd\_deposit()

{

deposit\_amount=totalcost \*.25;

cout<<"\nThe deposit amount is:"<<deposit\_amount;

}

};

int main()

{

Event obj;

cout<<"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Event Management System\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n\n";

obj.wd\_create();

obj.wd\_name();

obj.wd\_cost();

obj.wd\_total();

obj.wd\_deposit();

}