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#include <iostream>

using namespace std;

class ABC {
public:
    int day;
public:
    while (true){
        int getDay() {
            cout << "Please enter day : ";
            cin >> day;
        }
        if (day >= 1) {return day;}
        else continue;
    }
};

class Standard : public ABC {
public:
    st_price;
    int showSt() {
        st_price = 1000 * day;
        return (st_price);
    }
};

class Deluxe : public ABC {
public:
    de_price;
    int showDe() {

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        de_price = 5000 * day;
        return (de_price);
    }
};

class Vip : public ABC {
public:
    v_price;
    int showVp() {
        v_price = 9000 * day;
        return (v_price);
    }
};

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};

main() {
    Standard st;
    Deluxe de;
    Vip vp;
    int type, dresult;
    float result;
    while (true) {
        cout << "Please select type of room" << endl;
        cout << "1. Standard room 1900 baht/day" << endl;
        cout << "2. Standard room 5,000 baht/day" << endl;
        cout << "3. Standard room 9,000 baht/day" << endl;

        cout << "Type of room: ";
        cin >> type;

        if (type == 1) {
            dresult = st.getDay();

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result = st.showSt();
cout << "Standard room " << dresult << " day = " << result << " Baht" << endl;
}

else if (ctype == 2) {
    dresult = de.getDay();
    result = de.showDe();
    cout << "Deluxe room " << dresult << " day = " << result << " Baht" << endl;
}

else if (ctype == 3) {
    dresult = vp.getDay();
    result = vp.showVp();
    cout << "Vip room " << dresult << " day = " << result << " Baht" << endl;
}

else continue;
}
}

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