Implement a C++ program to demonstrate the concept of data abstraction using the

concept of Class and Objects

**SOURCE CODE:**

#include<iostream>

using namespace std;

class hotel

{

     private:

    int rno;

    string name;

    float tariff;

    int nod;

    int calc()

    {

        int charges=nod\*tariff;

        if(charges>10000)

        {

            charges=charges\*1.05;

        }

        return charges;

    }

    public:

    void checkin(int rno,string name,float tariff,int nod)

    {

        this->rno=rno;

        this->name=name;

        this->tariff=tariff;

        this->nod=nod;

    }

    void checkout()

    {

        cout<<rno<<endl<<name<<endl<<tariff<<endl<<nod<<endl;

        cout<<calc()<<endl;

    }

};

int main()

{

    hotel d;

    d.checkin(201,"manya",1000,5);

    d.checkout();

}

**OUTPUT:**

