**// Hotel Management System**

#include <iostream>

const int MAX\_ROOMS = 100; // defining maximum number of rooms

class Guest {

// code goes here

void displayInformation() {

// code goes here

}

};

class Room {

void occupyRoom() {

// code goes here

}

void vacateRoom() {

// code goes here

}

void displayInformation() {

// code goes here

}

};

class Reservation {

// code goes here

void displayInformation() {

// code goes here

}

};

class BookingQueue {

void bookRoom() {

// code goes here

}

cancelBooking() {

// code goes here

}

};

class Event {

Event() {

// code goes here

}

void addAttendee() {

// code goes here

}

void displayInformation() {

// code goes here

}

}

};

class Hotel {

// code goes here

Hotel(){

// code goes here

}

~Hotel() {

// code goes here

}

void addRoom() {

// code goes here

}

}

void addGuest() {

// code goes here

}

void startEvent(const char\* eventName) {

// code goes here

}

void endEvent() {

// code goes here

}

void addGuestToEvent(Guest\* guest) {

// code goes here

}

void displayInformation() {

// code goes here

};

int main() {

// Code for the main function

return 0;

}