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package company.com;
import java.util.Scanner;

public class task3 {
    public static void main(String[] args) {
        String [] roomTypes = {"Single","Double","Suite","Triple"};
        double [] roomPrices = {100.0, 200.0, 400.0,600.0};
        int choice;
        int j = 0;
        Scanner sr = new Scanner(System.in);
        boolean isRunning = true;

        while (isRunning){
            System.out.println("1. Select the roomType:");
            System.out.println("2. Book the room");
            System.out.println("3. Cancel the booking:");
            System.out.print("Enter your choice: ");
            choice = sr.nextInt();

            switch (choice){
                case 1:
                    System.out.println(" available rooms and Price :");
                    for(int i =0; i<roomTypes.length; i++) {
                        System.out.println((i + 1) + "." + roomTypes[i] + " Room - $" +
roomPrices[i] );
                    }
                    break;
                case 2:
                    System.out.println("Select a room type to book:");
                    for (int i = 0; i < roomTypes.length; i++) {
                        System.out.println((i + 1) + ". " + roomTypes[i] + " - $" +
roomPrices[i]);
                    }
                    System.out.print("Enter room number: ");
                    int roomNumber = sr.nextInt();
                    if (roomNumber >= 1 && roomNumber <= roomTypes.length) {
                        System.out.println("You selected: " + roomTypes[roomNumber -
1] + " - $" + roomPrices[roomNumber - 1]);
                        System.out.println("Room booked successfully!");
                    }
                    else {
                        System.out.println("Invalid room number.");
                    }
                    break;
                case 3:
                    System.out.print("Enter room number to cancel booking : ");
                    int cancelRoom = sr.nextInt();
                    if (cancelRoom <= 1) {
                        System.out.print("room not booked: ");
                        System.out.println("wrong room number");
                    }
            }
        }
    }
}

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    }
    else {
        System.out.println("cancel successfully!");
    }
    break;
default:
    System.out.println("Invalid room number");

    isRunning = false;
    sr.close();
}
}
}
```