King Saud University College of Computer and Information Sciences Computer Science Department

CSC 111 First Semester
Introduction to Programming with Java 1440-1441

Reservation

-Indate: String -Outdate: String -RType: char

-ReservationNumber: String -ReservationStatus: String

-Price: double -Card: long

+ReservationCount: int

+Reservation(String ,String ,String ,long)

+verifyCard (long): boolean +calculatePrice(): double

+generateReservationNumber(): String

+cancelResrvation(): boolean

+print(): void

+setRoomNumber(int): void

+setReservationStatus(String): void

+setPrice(int): void
+getIndate(): String
+getOutdate(): String
+getRType(): String

+getReservationNumber(): int
+getReservationstatus(): String

+getPrice(): double
+getCard(): long

Hotel

-hotel_Reservation: Reservation[]

+MAX SIZE: int

+main(): void

+logIn(string): void

+addReservation(): boolean

+cancelMyResrvation(): boolean

+displayMyReservation(): void

+find(String): int

+display(): void

+modify(String): boolean

+Cancel(String): boolean

+CountReservations(String): int

+displayDueReservations(): void