OOM PROJECT- HOTEL SYSTEM
List of Requirements

Classes and Subclasses:
1. Person
   a. Employee
      - Receptionist
      - Hotel Manager
      - Waiter
      - Chef
      - Room Service
   b. Customer
2. Rooms
3. List
   a. Menu
   b. Order
   c. Billing Receipt
3. Errors

Fields and behaviour of Classes(behaviour elements are in *italics*)
Person:name, email, phone number

   a. Employee: employee ID, employee type
      i. Receptionist: rooms(the list of rooms), employee list for hotel, maxRooms,*addRoom, add employee, take payment, print bill, search for rooms*
      ii. Waiter: *take order, clean Table*
      iii. Restaurant Manager:list of tables, employee list for restaurant, max tables, *add employee, createReservation, take payment, print bill*
      iv. Chef:
      v. Room Service:
   b. Customer:booking id, advance payment, customer id, assigned room, bill, *order food, get bill, add to bill*

Rooms:id, status, type, price, *unoccupy*

list:
   1. Menu:menu items, *add item, remove item, display menu, change price*
   2. Order: id, waiter, chef , table no, items array
   3. Bill receipt:room no, order id, price list from Order