

Group Names:

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Hotel

- **Service**
 - **Room**
 - **__init__**: initialization
 - **modifyprice**: modify room price (e.g. holiday price)
 - **discountprice**: discount room price
 - **reduceroomnumber**: reduce number of room available if customer check in
 - **addroomnumber**: add number of room available if customer check out
 - **display**: display object
 - **Swimming Pool**
 - **__init__**: initialization
 - **Modifyprice**: modify swimming pool price (e.g. holiday price)
 - **discountprice**: discount swimming pool price
 - **display**: display object
 - **Restaurant**
 - **__init__**: initialization
 - **addfood**: add food to menu
 - **addemployee**: add employee to restaurant
 - **display**: display menu and employee
- **Person**
 - **Employee**
 - **__init__**: initialization
 - **add_work_salary**: add salary and workhour to employee
 - **add_bonus**: add bonus to employee
 - **reduce_salary**: reduce salary of employee
 - **display**: display object
 - **Customers (Adults)**
 - **__init__**: initialization
 - **addbill**: charge fee to customer's bill
 - **reducebill**: reduce customer's bill (e.g. cancellation)
 - **display**: display object
 - **Children**
 - **__init__**: initialization
 - **add_children_pool_time**: number of time pool is entered
 - **add_bill**: charge fee to customer's bill
 - **reduce_bill**: reduce customer's bill (e.g. cancellation)
 - **display**: display object