

CSE212
SOFTWARE DEVELOPMENT METHODOLOGIES
SPRING 2017
LABWORK 2 - SECTION 2

You are required to improve your previous application that you wrote in Labwork 1. For this purpose, you are going to implement a more complex Hotel Reservation System.

There must be four different **RoomType** classes.

1. The **OneBed** class represents a room with a single bed.
2. The **KingSizeBed** class represents a room with a single two-person bed.
3. The **TwoBed** class represents a room with a two beds.
4. The **TripleBed** class represents a room with a three beds.

Your menu should consist of three options, Reserve, Cancel and Hotel Current Capacity . You are going to hold the reserved room informations in a data structure in your main class. When Hotel Current Capacity is selected the total number of people staying in the hotel is going to be calculated.