

## Hotel Reservation

1. Create a new class that represents a *Hotel Reservation*.
2. Add a *name*, *number of nights*, and *estimated total* attribute/property to the Hotel Reservation class:
  - *name*: indicates the name on the reservation
  - *number of nights*: indicates how many nights the reservation is for
  - *estimated total*: indicates the estimated total using *number of nights* times a daily rate of \$59.99
3. Create a constructor that accepts *name* and *number of nights*.
4. Instantiate an object (or objects) in *main()* or *Main()* and use the object(s) to test your methods.
5. Create a method that calculates the actual total using two *bool/boolean* inputs: *requiresCleaning* and *usedMinibar*.
  - if the minibar was used, a fee of \$12.99 is added to the estimated total
  - if the room requires cleaning, a fee of \$34.99 is added to the estimated total
  - the cleaning fee is doubled if the minibar was used
6. Override the *ToString()/toString()* method and have it return "*RESERVATION - {name} - {estimated total}*" where *{name}* and *{estimated total}*. The {} are placeholders for the actual values. i.e. the values from the object should be shown in the string where the {} are indicated.
7. Implement unit tests to validate the functionality of:
  - the estimated total calculation
  - the actual total method
8. In the main program class, within the main method, read in the provided csv file *HotelInput.csv* and use it to populate a list of *Hotel Reservation* objects.
9. Add up the estimated total for all of the hotel reservations in the list and print it to the screen.