/\* This class creates, modifies or

\* shows an InventoryItem object that

\* is associated with a hotel room.

\*/

public class InventoryItem {

private String Name;

private int Quantity;

private int ExpectedQuantity;

private boolean IsConsumable;

/\* Creates an InventoryItem object

\* to be sent to the database.

\*

\* @precondition:

\* FillInCheck(p)

\* all relevant InventoryItem

\* attributes like Name, Quantity,

\* etc. have to be provided as parameters.

\*

\* @postcondition:

\* InventoryItem object is created and sent to

\* the UsedInventory.

\*/

private void Create() {...}

/\* Getters and setters for

\* the Name attribute.

\*

\* @precondition: the relevant

\* InventoryItem has to exist.

\* @postcondition: Name is

\* set or retrieved

\*/

private boolean ItemExists()

/\* Getters and setters for

\* the Name attribute.

\*

\* @precondition: the relevant

\* InventoryItem has to exist.

\* @postcondition: Name is

\* set or retrieved

\*/

private String getName() {...}

private void setName() {...}

/\* Getters and setters for

\* the Quantity attribute.

\*

\* @precondition: the relevant

\* InventoryItem has to exist.

\* @postcondition: Quantity

\* is set or retrieved.

\*/

private int getQuantity() {...}

private void setQuantity() {...}

/\* Getters and setters for

\* the ExpectedQuantity

\* attribute.

\*

\* @precondition: the relevant

\* InventoryItem has to exist.

\* @postcondition: ExpectedQuantity

\* is set or retrieved.

\*/

private int getExpectedQuantity() {...}

private void setExpectedQuantity() {...}

/\* Getters and setters for

\* the isConsumable

\* attribute.

\*

\* @precondition: the relevant

\* InventoryItem has to exist.

\* @postcondition: isConsumable

\* is set or retrieved.

\*/

private boolean getIsConsumable() {...}

private void setIsConsumable() {...}

}