Chapter 21 Homework - Due October 29

For this week's assignment , please complete the code as per the instructions below:

1.      Add code to the **GetItems** method that creates a **StreamReader object with a FileStream object for the InventoryItems.txt** file that’s included in the project. (The Path constant contains the path to this file.) The file should be opened if it exists or created if it doesn’t exist, and it should be opened for reading only.

2.      Add code that **reads each record** of the text file, **stores the fields**, which are separated by pipe characters, in an **InvItem object**, and **adds the object to the List<InvItem>** object. Then, **close the StreamReader** object.

3.      Add code to the **SaveItems** method that **creates a StreamWriter** object with a **FileStream object for the InventoryItems.txt file**. The file should be created if it doesn’t exist or overwritten if it does exist, and it should be opened for writing only.

4.      Add code that **writes each InvItem** object in the **List<InvItem> object to the text file**, separating the fields with pipe characters. Then, close the StreamWriter object.

5.      Test the application to be sure it works correctly.

The code is to be included in the attached project.