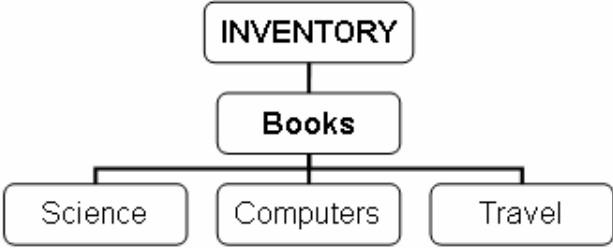


Streams and Files

Sr. No.	Assignment Question
1.	<p>Bradford publishers, a popular publishing company in London, have decided to automate the inventory operations. The application is to be developed in such a manner that a proper directory structure is to be maintained to store the files. The directory structure to be maintained is as shown below.</p> <div style="text-align: center; margin: 20px 0;">  <pre> graph TD INVENTORY --> Books Books --> Science Books --> Computers Books --> Travel </pre> </div> <p>You will need to perform the following operations in a C# application:</p> <ol style="list-style-type: none"> 1. Create a menu-based application to store the book details. The first option in the menu should allow the user to create a directory structure in the C drive as shown in the figure. 2. The second menu option should allow the user to create three text files namely "Science.txt", "Computers.txt" and "Travel.txt" which are stored in the directories Science, Computers and Travel respectively. The text files should contain details such as, book name, author, number of pages, cost, and a brief description of the book under that category 3. The third menu option allows the user to create a backup copy of the INVENTORY folder in the D drive. 4. The fourth menu option should allow the user to view the details of the text files "Science.txt", "Computers.txt" and "Travel.txt". 5. Display appropriate messages to the user for each menu option.
2.	<p>VelocityViews is one of the leading commercial banks in Canada. Their daily business over the Internet is worth millions of dollars. They also provide a wealth of information on services, and a full range of online services and support information to their individual customers and institutions. The bank has huge volumes of data scattered throughout the enterprise which has lot of significance in day-to-day operations.</p> <p>With the rise of customer base, the company has decided to create an application which would completely automate the bank process. The management has decided to give the development of the application to ABC consultants, the popular software development company.</p> <p>You will need to perform the following operations in a C# application:</p> <ol style="list-style-type: none"> 1. Create a menu based application. 2. Create a proper directory structure to store all the data. 3. Specify menu options to traverse through any directory and display the files. 4. Specify menu options to create back-up copy of daily transaction folder.

	<ol style="list-style-type: none">5. The retention period of a transaction folder is one month. Specify the menu option to delete the transaction folder if the retention period is over.6. Display appropriate messages to the user.
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