

File ListSaveCompile & RunEvaluateRestoreDescription

Program.cs

```
7 namespace ProductInventory //DO NOT change the namespace name
8 {
9     public class Program //DO NOT change the class name
10    {
11        public static SortedList<String, String> categoryDetails = new SortedList<Stri
12        {
13            {"MB001", "Samsung S Series"},
14            {"MB002", "Apple iPhones"},
15            {"PC005", "Personal Computers"},
16            {"AC002", "Accessories"},
17            {"RF001", "Refurbished Products"}
18        };
19
20        public bool AddCategoryDetails(String categoryCode,String categoryName)
21        {
22            //add category return;
23            if(categoryCode.Length<2 || !char.IsLetter(categoryCode[0])|| !char.IsLett
24            {
25                Console.WriteLine("Failed to add");
26                return false;
27            }
28            categoryDetails[categoryCode]=categoryName;
29            Console.WriteLine("Added successfully");
30            return true;
31        }
32
33        public SortedList<String,String> SearchByCode(String categoryCode)
34        {
35            //return as sorted list
36            SortedList<String,String> result=new SortedList<String,String>();
37            if(categoryDetails.ContainsKey(categoryCode))
38            {
39                result.Add(categoryCode,categoryDetails[categoryCode]);
40            }
41            return result;
42        }
43
44        public bool DeleteCategoryDetails(String categoryCode)
45        {
46            //delete
47            if(categoryDetails.Remove(categoryCode))
48            {
49                return true;
50            }
51        }
52    }
53 }
```

Question Description

Scenario:

Vitz Inc, one of the leading companies in the Accessories industry, is seeking the assistance of a skilled developer to enhance their website. As an expert in C# programming, you have the opportunity to play a crucial role in this project. The objective of the website is to provide users with an easy-to-use platform to access real-time accessories information. Your task is to add new categories to the existing C# application, ensuring a seamless user experience for users who rely on the site for their

Evaluation Result:		
Result Description		
Grading and Feedback		
Implement Methods In A Class - 2 / 2 (Success)		
To Work With Methods - 2 / 2 (Success)		
Requirement is to check methods in class 'Program' exists		- 2/2
Implement Generics - 30 / 30 (Success)		
To work with Generics - 30 / 30 (Success)		
Requirement is to check method 'AddCategoryDetails' implements correctly when the category code is valid		- 5/5
Requirement is to check method 'AddCategoryDetails' implements correctly when the category code is not valid		- 5/5
Requirement is to check method 'SearchByCode' implements correctly when the code is available		- 5/5
Requirement is to check method 'SearchByCode' implements correctly when the code is not available		- 5/5
Requirement is to check method 'DeleteCategoryDetails' implements correctly when the code is available		- 5/5
Requirement is to check method 'DeleteCategoryDetails' implements correctly when the code is not available		- 5/5
Assessment Successfully Implemented		