```
1 using System;
 2 using System.Collections.Generic;
 3 using System.Data;
 4 using System.Drawing.Printing;
 5 using System.Linq;
 6 using System.Text;
 7 using System.Threading.Tasks;
9 namespace ProductPerformance
10 {
       public class ProductCatalogueDB
11
12
13
            public static List<string> GetProductTypes()
14
            {
15
                string filePath = @"D:\productcatalogue.txt";
16
17
                List<string> tempTypes = new List<string>();
18
19
                DataTable dt = new DataTable();
20
                dt = ImportData.GetTextFileData(filePath);
21
22
                    foreach (DataRow row in dt.Rows)
23
24
                    {
25
                        ProductCatalogue lineData = new ProductCatalogue()
26
27
                            ProductType = row.Field<string>(0),
28
                            Product = row.Field<string>(1)
29
                        };
30
31
                        if (!Lists.StringFound(tempTypes, lineData.ProductType))
32
                        {
33
                            tempTypes.Add(lineData.ProductType);
34
                    }
35
                }
36
37
                return tempTypes;
38
39
            }
40
            public static List<string> ProductsByType(string productType)
41
42
            {
                string filePath = @"D:\productcatalogue.txt";
43
44
45
                List<string> tempTypes = new List<string>();
46
47
                DataTable dt = new DataTable();
48
49
                dt = ImportData.GetTextFileData(filePath);
50
51
                    foreach (DataRow row in dt.Rows)
52
53
                        ProductCatalogue lineData = new ProductCatalogue()
54
55
                            ProductType = row.Field<string>(0),
56
                            Product = row.Field<string>(1)
```

```
...uctPerformance\ProductPerformance\ProductCatalogueDB.cs
```

```
57
                        };
58
59
                        if (lineData.ProductType == productType)
60
                        {
61
                            if (!Lists.StringFound(tempTypes, lineData.Product))
62
                            {
                                 tempTypes.Add(lineData.Product);
63
64
                            }
65
                        }
66
                    }
67
                }
68
69
                return tempTypes;
70
            }
71
        }
72 }
73
```