```csharp
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Text;
5  using System.Threading.Tasks;
6  using System.Data;
7  using System.Data.SqlClient;
8
9  namespace SportsProDALClassLibrary
10 {
11     public class RegistrationDAL
12     {
13
14         private bool AddRegistration(int customerID, string productCode,       ⮑
              DateTime regDate)
15         {
16             SqlCommand cmdAddReg = new SqlCommand();
17             cmdAddReg.CommandText = "spAddRegistration";        //Stored       ⮑
                 Procedure
18             cmdAddReg.CommandType = CommandType.StoredProcedure;
19             cmdAddReg.Connection = TechSupportDB.GetTechSupportConnection();
20             cmdAddReg.Connection.Open();
21             cmdAddReg.Parameters.AddWithValue( "@customerID", customerID);
22             cmdAddReg.Parameters.AddWithValue( "@productCode", productCode);
23             cmdAddReg.Parameters.AddWithValue( "@registrationDate", regDate);
24
25             int numOfRecs = cmdAddReg.ExecuteNonQuery();
26             cmdAddReg.Connection.Close();
27             if (numOfRecs == 1)
28             {
29                 return true;
30             }
31             else
32             {
33                 return false;
34             }
35
36         }
37
38         private bool CheckRegistration(int customerID, string productCode)
39         {
40             SqlCommand cmdCheckRegistration = new SqlCommand();
41             cmdCheckRegistration.CommandText = "SELECT COUNT(*) FROM           ⮑
                 dbo.Registrations WHERE PRODUCTCODE = @ProductCode AND CUSTOMERID ⮑
                 = @CustomerID";
42             cmdCheckRegistration.CommandType = CommandType.Text;
43             cmdCheckRegistration.Connection =                                  ⮑
                 TechSupportDB.GetTechSupportConnection();
44
```

```
45              cmdCheckRegistration.Parameters.AddWithValue( "@CustomerID",      ↵
                    customerID);
46              cmdCheckRegistration.Parameters.AddWithValue( "@ProductCode",     ↵
                    productCode);
47              cmdCheckRegistration.Connection.Open();
48
49              int countCheck = Convert.ToInt32                                  ↵
                    (cmdCheckRegistration.ExecuteScalar());
50              cmdCheckRegistration.Connection.Close();
51              if (countCheck == 1)
52              {
53                  return true;    //The registration already exists
54              }
55              else
56              {
57                  return false;   //The registration does not exist
58              }
59
60
61          }
62
63          public bool RegisterProduct(string prodCode, int custID, DateTime     ↵
                regDate)
64          {
65              if(CheckRegistration(custID, prodCode) == true)
66              {
67                  return false;   //Already Exists
68              }
69              else
70              {
71                  return AddRegistration(custID, prodCode, regDate);   //        ↵
                        Successfully added
72              }
73          }
74
75          public RegistrationDAL()
76          {
77
78          }
79
80      }
81 }
82
```