```csharp
1  using System;
2  using System.Collections.Generic;
3  using System.Data;
4  using System.Linq;
5  using System.Text;
6  using System.Threading.Tasks;
7  using Dapper;
8  using Galeri.Entities;
9  using Oracle.ManagedDataAccess.Client;
10
11
12
13 namespace Galeri.DatabaseLogicLayer
14 {
15     public class DLL
16     {
17         OracleConnection con;
18         OracleCommand cmd;
19         OracleDataReader reader;
20         int ReturnValues;
21
22         public DLL()
23         {
24             con = new OracleConnection("Data Source=localhost:1521/XEPDB1;User ⮡
                 Id=SYSTEM;password =aidata;");
25
26
27         }
28
29
30
31
32         public void baglantiAyarla()
33         {
34             if (con.State == System.Data.ConnectionState.Closed)
35             {
36                 con.Open();
37             }
38             else
39             {
40                 con.Close();
41             }
42         }
43         public int SistemKontrol(Staff S)
44         {
45             try
46             {
47
48                 cmd = new OracleCommand("SELECT COUNT(*) FROM STAFF WHERE    ⮡
                     (USERNAME = :pusername AND PASSWORD = :ppassword)", con);
49                 cmd.Parameters.Add(":pusername", OracleDbType.Varchar2,      ⮡
                     20).Value = S.Username;
50                 cmd.Parameters.Add(":ppassword", OracleDbType.Varchar2,      ⮡
                     20).Value = S.Password;
51                 baglantiAyarla();
52                 ReturnValues = Convert.ToInt16(cmd.ExecuteScalar());  //     ⮡
```

```
                            scalar tek hücre döndürür counttan tek hücre geliyo
53
54
55              }
56          catch (Exception ex)
57          {
58              String hata = ex.ToString();
59          }
60          finally
61          {
62              baglantiAyarla();
63
64          }
65          return ReturnValues;
66      }
67      public int SistemKontrolMusteri(Client c)
68      {
69          try
70          {
71
72              cmd = new OracleCommand("SELECT COUNT(*) FROM CLIENT WHERE     ⏎
                    (USERNAME = :pusername AND PASSWORD = :ppassword)", con);
73              cmd.Parameters.Add(":pusername", OracleDbType.Varchar2,        ⏎
                    20).Value = c.username;
74              cmd.Parameters.Add(":ppassword", OracleDbType.Varchar2,        ⏎
                    20).Value = c.password;
75              baglantiAyarla();
76              ReturnValues = Convert.ToInt16(cmd.ExecuteScalar());  //       ⏎
                    scalar tek hücre döndürür counttan tek hücre geliyo
77
78
79          }
80          catch (Exception ex)
81          {
82              String hata = ex.ToString();
83          }
84          finally
85          {
86              baglantiAyarla();
87
88          }
89          return ReturnValues;
90      }
91
92      public String[] returning_info(String u, String p)
93      {
94          OracleCommand objCmd = new OracleCommand("return_staff_id", con);
95          objCmd.CommandType = CommandType.StoredProcedure;
96          objCmd.Parameters.Add("in_username", OracleDbType.Varchar2,        ⏎
                ParameterDirection.Input).Value = u;
97          objCmd.Parameters.Add("in_password", OracleDbType.Varchar2,        ⏎
                ParameterDirection.Input).Value = p;
98          objCmd.Parameters.Add("staffID", OracleDbType.Int16).Direction =   ⏎
                ParameterDirection.Output;
99          objCmd.Parameters.Add("ret_fname", OracleDbType.Varchar2,          ⏎
                200).Direction = ParameterDirection.Output;
```

```csharp
100              objCmd.Parameters.Add("ret_lname", OracleDbType.Varchar2,
                   200).Direction = ParameterDirection.Output;
101              baglantiAyarla();
102              objCmd.ExecuteNonQuery();
103              String[] data = new String[3];
104              data[0] = objCmd.Parameters["staffID"].Value.ToString();
105              data[1] = objCmd.Parameters["ret_fname"].Value.ToString();
106              data[2] = objCmd.Parameters["ret_lname"].Value.ToString();
107              return data;
108          }
109      public String[] returning_client_info(String u, String p)
110      {
111          String[] data = new String[3];
112          try
113          {
114              OracleCommand objCmd = new OracleCommand("return_client_id",
                   con);
115              objCmd.CommandType = CommandType.StoredProcedure;
116              objCmd.Parameters.Add("in_username", OracleDbType.Varchar2,
                   ParameterDirection.Input).Value = u;
117              objCmd.Parameters.Add("in_password", OracleDbType.Varchar2,
                   ParameterDirection.Input).Value = p;
118              objCmd.Parameters.Add("clientID",
                   OracleDbType.Int16).Direction = ParameterDirection.Output;
119              objCmd.Parameters.Add("ret_fname", OracleDbType.Varchar2,
                   200).Direction = ParameterDirection.Output;
120              objCmd.Parameters.Add("ret_lname", OracleDbType.Varchar2,
                   200).Direction = ParameterDirection.Output;
121              baglantiAyarla();
122              objCmd.ExecuteNonQuery();
123              data[0] = objCmd.Parameters["clientID"].Value.ToString();
124              data[1] = objCmd.Parameters["ret_fname"].Value.ToString();
125              data[2] = objCmd.Parameters["ret_lname"].Value.ToString();
126
127          }
128          catch(Exception ex)
129          {
130
131          }
132          finally
133          {
134              baglantiAyarla();
135          }
136          return data;
137      }
138      public int aracKayitEkleSatılık(Cars c, BuyPrice b)
139      {
140          try
141          {
142              cmd = new OracleCommand("insert into Cars
                   (cBrand,cModel,cColor,cYear,cInfo,cExamination,cType,cKilome
                   ter,cFueltype,cEngine,RBStatus)" +
143                  "values
                   (:cBrand,:cModel,:cColor,:cYear,:cInfo,:cExamination,:cTyp
                   e,:cKilometer,:cFueltype,:cEngine,:RBStatus) RETURNING
                   carsNo INTO :returncarsNo", con);
```

```csharp
144                cmd.Parameters.Add(":cBrand", OracleDbType.Varchar2, 40).Value ⮑
                     = c.cBrand;
145                cmd.Parameters.Add(":cModel", OracleDbType.Varchar2, 40).Value ⮑
                     = c.cModel;
146                cmd.Parameters.Add(":cColor", OracleDbType.Varchar2, 15).Value ⮑
                     = c.cColor;
147                cmd.Parameters.Add(":cYear", OracleDbType.Int32, 20).Value =  ⮑
                     c.cYear;
148                cmd.Parameters.Add(":cInfo", OracleDbType.Varchar2, 20).Value  ⮑
                     = c.cInfo;
149                cmd.Parameters.Add(":cExamination", OracleDbType.Varchar2,     ⮑
                     3).Value = c.cExamination;
150                cmd.Parameters.Add(":cType", OracleDbType.Varchar2, 10).Value  ⮑
                     = c.cType;
151                cmd.Parameters.Add(":cKilometer", OracleDbType.Varchar2,       ⮑
                     10).Value = c.cKilometer;
152                cmd.Parameters.Add(":cFueltype", OracleDbType.Varchar2,        ⮑
                     10).Value = c.cFueltype;
153                cmd.Parameters.Add(":cEngine", OracleDbType.Int32, 10).Value = ⮑
                      c.cEngine;
154                cmd.Parameters.Add(":RBStatus", OracleDbType.Varchar2,         ⮑
                     10).Value = c.RBStatus;
155                var resultParam = new OracleParameter(":returncarsNo",         ⮑
                     OracleDbType.Int16);
156                resultParam.Direction = ParameterDirection.ReturnValue;
157                cmd.Parameters.Add(resultParam);
158                baglantiAyarla();
159                ReturnValues = cmd.ExecuteNonQuery();
160                var result = resultParam.Value;
161                cmd = new OracleCommand("insert into BUYPRICE                  ⮑
                     (carsNo,BuyPrice) values(:result,:BuyPrice) ", con);
162                cmd.Parameters.Add(":result", OracleDbType.Int16, 40).Value =  ⮑
                     result;
163                cmd.Parameters.Add(":BuyPrice", OracleDbType.Int32, 40).Value  ⮑
                     = b.buyPrice;
164                ReturnValues = cmd.ExecuteNonQuery();
165
166            }
167
168        catch (Exception ex)
169        {
170
171        }
172        finally
173        {
174            baglantiAyarla();
175        }
176        return ReturnValues;
177    }
178    public int aracKayitEkleKiralık(Cars c, RentPrice r)
179    {
180        try
181        {
182            cmd = new OracleCommand("insert into Cars                          ⮑
                 (cBrand,cModel,cColor,cYear,cInfo,cExamination,cType,cKilome ⮑
                 ter,cFueltype,cEngine,RBStatus)" +
```

```
183                     "values
                        (:cBrand,:cModel,:cColor,:cYear,:cInfo,:cExamination,:cTyp ⮡
                        e,:cKilometer,:cFueltype,:cEngine,:RBStatus) RETURNING      ⮡
                        carsNo INTO :returncarsNo", con);
184                 cmd.Parameters.Add(":cBrand", OracleDbType.Varchar2, 40).Value ⮡
                        = c.cBrand;
185                 cmd.Parameters.Add(":cModel", OracleDbType.Varchar2, 40).Value ⮡
                        = c.cModel;
186                 cmd.Parameters.Add(":cColor", OracleDbType.Varchar2, 15).Value ⮡
                        = c.cColor;
187                 cmd.Parameters.Add(":cYear", OracleDbType.Int32, 20).Value =   ⮡
                        c.cYear;
188                 cmd.Parameters.Add(":cInfo", OracleDbType.Varchar2, 20).Value  ⮡
                        = c.cInfo;
189                 cmd.Parameters.Add(":cExamination", OracleDbType.Varchar2,     ⮡
                        3).Value = c.cExamination;
190                 cmd.Parameters.Add(":cType", OracleDbType.Varchar2, 10).Value  ⮡
                        = c.cType;
191                 cmd.Parameters.Add(":cKilometer", OracleDbType.Varchar2,       ⮡
                        10).Value = c.cKilometer;
192                 cmd.Parameters.Add(":cFueltype", OracleDbType.Varchar2,        ⮡
                        10).Value = c.cFueltype;
193                 cmd.Parameters.Add(":cEngine", OracleDbType.Int32, 10).Value = ⮡
                        c.cEngine;
194                 cmd.Parameters.Add(":RBStatus", OracleDbType.Varchar2,         ⮡
                        10).Value = c.RBStatus;
195                 var resultParam = new OracleParameter(":returncarsNo",         ⮡
                        OracleDbType.Int16);
196                 resultParam.Direction = ParameterDirection.ReturnValue;
197                 cmd.Parameters.Add(resultParam);
198                 baglantiAyarla();
199                 ReturnValues = cmd.ExecuteNonQuery();
200                 var result = resultParam.Value;
201                 cmd = new OracleCommand("insert into RENTPRICE                 ⮡
                        (carsNo,RentPrice) values(:result,:rentPrice) ", con);
202                 cmd.Parameters.Add(":result", OracleDbType.Int16, 40).Value =  ⮡
                        result;
203                 cmd.Parameters.Add(":rentPrice", OracleDbType.Int32, 40).Value ⮡
                        = r.rentPrice;
204                 ReturnValues = cmd.ExecuteNonQuery();
205
206             }
207
208         catch (Exception ex)
209         {
210
211         }
212         finally
213         {
214             baglantiAyarla();
215         }
216         return ReturnValues;
217     }
218
219     public int aracKayitDuzenle(Cars c)
220     {
```

```csharp
221             try
222             {
223
224                 cmd = new OracleCommand("UPDATE CARS SET
                      carsNo= :carsNo ,cBrand = :cBrand , cModel = :cModel ,
                      cColor = :cColor, cYear = :cYear, cInfo= :cInfo,
                      cExamination = :cExamination ,cType= :cType , cKilometer
                      = :cKilometer, cFueltype= :cFueltype ,
                      cEngine= :cEngine,RBStatus= :RBStatus WHERE carsNo = :carsNo
                      ", con);
225
226                 cmd.Parameters.Add(":carsNo", OracleDbType.Int32).Value =
                      c.carsNo;
227                 cmd.Parameters.Add(":cBrand", OracleDbType.Varchar2, 40).Value
                      = c.cBrand;
228                 cmd.Parameters.Add(":cModel", OracleDbType.Varchar2, 40).Value
                      = c.cModel;
229                 cmd.Parameters.Add(":cColor", OracleDbType.Varchar2, 15).Value
                      = c.cColor;
230                 cmd.Parameters.Add(":cYear", OracleDbType.Int32, 38).Value =
                      c.cYear;
231                 cmd.Parameters.Add(":cInfo", OracleDbType.Varchar2, 10).Value
                      = c.cInfo;
232                 cmd.Parameters.Add(":cExamination", OracleDbType.Varchar2,
                      3).Value = c.cExamination;
233                 cmd.Parameters.Add(":cType", OracleDbType.Varchar2, 10).Value
                      = c.cType;
234                 cmd.Parameters.Add(":cKilometer", OracleDbType.Varchar2,
                      10).Value = c.cKilometer;
235                 cmd.Parameters.Add(":cFueltype", OracleDbType.Varchar2,
                      10).Value = c.cFueltype;
236                 cmd.Parameters.Add(":cEngine", OracleDbType.Int32, 38).Value =
                      c.cEngine;
237                 cmd.Parameters.Add(":RBStatus", OracleDbType.Varchar2,
                      10).Value = c.RBStatus;
238                 baglantiAyarla();
239                 ReturnValues = cmd.ExecuteNonQuery();
240                 if (c.RBStatus == "Kiralık")
241                 {
242                     cmd = new OracleCommand("UPDATE RENTPRICE SET
                          carsNo= :carsNo , RentPrice= :rentPrice WHERE carsNo
                          = :carsNo ", con);
243                     cmd.Parameters.Add(":carsNo", OracleDbType.Int16,
                          40).Value = c.carsNo;
244                     cmd.Parameters.Add(":rentPrice", OracleDbType.Int32,
                          40).Value = c.carPrice;
245                     ReturnValues = cmd.ExecuteNonQuery();
246                 }
247                 else if (c.RBStatus == "Satılık")
248                 {
249                     cmd = new OracleCommand("UPDATE BUYPRICE SET
                          carsNo= :carsNo , BuyPrice= :buyPrice WHERE carsNo
                          = :carsNo ", con);
250                     cmd.Parameters.Add(":carsNo", OracleDbType.Int16,
                          40).Value = c.carsNo;
251                     cmd.Parameters.Add(":buyPrice", OracleDbType.Int32,
```

```
252                         40).Value = c.carPrice;
                            ReturnValues = cmd.ExecuteNonQuery();
253                     }
254
255
256             }
257
258         catch (Exception ex)
259         {
260             String ex1 = Convert.ToString(ex);
261         }
262         finally
263         {
264             baglantiAyarla();
265         }
266         return ReturnValues;
267     }
268     public int arac_teslim_et(Cars c)
269     {
270         try
271         {
272             OracleCommand objCmd = new OracleCommand
                    ("gl_arac_teslim_etme", con);
273             objCmd.CommandType = CommandType.StoredProcedure;
274             objCmd.Parameters.Add("in_carsno", OracleDbType.Int16,
                    ParameterDirection.Input).Value = c.carsNo;
275             baglantiAyarla();
276             ReturnValues = -(objCmd.ExecuteNonQuery());
277
278         }
279
280         catch (Exception ex)
281         {
282
283         }
284         finally
285         {
286             baglantiAyarla();
287         }
288         return ReturnValues;
289     }
290     public int aracKayitSil(int cno)
291     {
292         try
293         {
294             OracleCommand objCmd = new OracleCommand();
295             objCmd.Connection = con;
296             objCmd.CommandText = "gl_cars_delete";
297             objCmd.CommandType = CommandType.StoredProcedure;
298             objCmd.BindByName = true;
299             objCmd.Parameters.Add("carsNoo", OracleDbType.Int16).Value =
                    cno;
300             baglantiAyarla();
301             ReturnValues = -(objCmd.ExecuteNonQuery());
302             //cmd = new OracleCommand("delete from CARS where carsNo
                    = :carsNo", con);
```

```
303              //cmd.Parameters.Add(":carsNo", OracleDbType.Int32, 40).Value ⊋
                   = cno;
304              //baglantiAyarla();
305              //ReturnValues = cmd.ExecuteNonQuery();
306
307          }
308
309          catch (Exception ex)
310          {
311
312          }
313          finally
314          {
315              baglantiAyarla();
316          }
317          return ReturnValues;
318      }
319
320
321      public OracleDataReader aracKayitListeleUNION()
322      {
323
324          cmd = new OracleCommand("(select                                   ⊋
                cars.carsNo,cBrand,Cmodel,ccolor,cyear,cinfo,cexamination,ctype, ⊋
                ckilometer,cfueltype,cengine,rbstatus,rentprice from cars inner ⊋
                join rentprice on cars.carsNo= rentprice.carsNo )" +
325              "UNION ALL (select                                             ⊋
                  cars.carsNo,cBrand,Cmodel,ccolor,cyear,cinfo,cexamination,ct ⊋
                  ype,ckilometer,cfueltype,cengine,rbstatus,buyprice from cars ⊋
                   inner join buyprice on cars.carsNo = buyprice.carsNo) order ⊋
                   by carsNo asc", con);
326          baglantiAyarla();
327          return cmd.ExecuteReader();
328
329      }
330
331      public OracleDataReader aracKayitListeleDurum(String text)
332      {
333
334          cmd = new OracleCommand("(select                                   ⊋
                cars.carsNo,cBrand,Cmodel,ccolor,cyear,cinfo,cexamination,ctype, ⊋
                ckilometer,cfueltype,cengine,rbstatus,rentprice from cars inner ⊋
                join rentprice on (cars.carsNo= rentprice.carsNo and RBStatus   ⊋
                = :RBStatus) )" +
335              "UNION ALL (select                                             ⊋
                  cars.carsNo,cBrand,Cmodel,ccolor,cyear,cinfo,cexamination,ct ⊋
                  ype,ckilometer,cfueltype,cengine,rbstatus,buyprice  from     ⊋
                  cars inner join buyprice on (cars.carsNo = buyprice.carsNo   ⊋
                  and RBStatus = :RBStatus ) ) order by carsNo asc", con);
336          cmd.Parameters.Add(":RBStatus", OracleDbType.Varchar2, 40).Value = ⊋
                text;
337          baglantiAyarla();
338          return cmd.ExecuteReader();
339      }
340      public OracleDataReader aracKiralananListe(int text)
341      {
```

```
342
343                cmd = new OracleCommand("select
                    RentalNo,CARS.carsNo,cModel,cBrand,clientID from CARS inner join
                     CARSRENTAL on (CARS.carsNo = CARSRENTAL.carsNo and
                    clientID= :clientID)", con);
344                cmd.Parameters.Add(":clientID", OracleDbType.Int16, 40).Value =
                    text;
345                baglantiAyarla();
346                return cmd.ExecuteReader();
347            }
348
349
350        public int yoneticiEkle(Staff s)
351        {
352            try
353            {
354                cmd = new OracleCommand("insert into Staff
                    (fName,lName,Username,Password)" +
355                    "values(:fName,:lName,:Username,:Password)", con);
356                cmd.Parameters.Add(":fName", OracleDbType.Varchar2, 40).Value
                    = s.fName;
357                cmd.Parameters.Add(":lName", OracleDbType.Varchar2, 40).Value
                    = s.lName;
358                cmd.Parameters.Add(":Username", OracleDbType.Varchar2,
                    15).Value = s.Username;
359                cmd.Parameters.Add(":Password", OracleDbType.Varchar2,
                    20).Value = s.Password;
360                baglantiAyarla();
361                ReturnValues = cmd.ExecuteNonQuery();
362            }
363            catch (Exception ex)
364            {
365
366            }
367            finally
368            {
369                baglantiAyarla();
370            }
371            return ReturnValues;
372        }
373
374        public OracleDataReader yoneticiKayitListele()
375        {
376
377            cmd = new OracleCommand("select * from Staff", con);
378            baglantiAyarla();
379            return cmd.ExecuteReader();
380
381        }
382
383        public int yoneticiKayitSil(int sno)
384        {
385            try
386            {
387
388                cmd = new OracleCommand("delete from Staff where staffID
```

```
                              = :staffID", con);
389           cmd.Parameters.Add(":staffID", OracleDbType.Int32, 40).Value = ⮑
                 sno;
390           baglantiAyarla();
391           ReturnValues = cmd.ExecuteNonQuery();
392
393       }
394
395       catch (Exception ex)
396       {
397
398       }
399       finally
400       {
401           baglantiAyarla();
402       }
403       return ReturnValues;
404   }
405   public int musteriKayit(Client c)
406   {
407       try
408       {
409           OracleCommand objCmd = new OracleCommand("gl_client_add",  ⮑
                 con);
410           objCmd.CommandType = CommandType.StoredProcedure;
411           objCmd.Parameters.Add("fname", OracleDbType.Varchar2,      ⮑
                 ParameterDirection.Input).Value = c.fName;
412           objCmd.Parameters.Add("lname", OracleDbType.Varchar2,      ⮑
                 ParameterDirection.Input).Value = c.lName;
413           objCmd.Parameters.Add("ctel", OracleDbType.Varchar2,       ⮑
                 ParameterDirection.Input).Value = c.cTel;
414           objCmd.Parameters.Add("city", OracleDbType.Varchar2,       ⮑
                 ParameterDirection.Input).Value = c.cCity;
415           objCmd.Parameters.Add("age", OracleDbType.Int32,           ⮑
                 ParameterDirection.Input).Value = c.age;
416           objCmd.Parameters.Add("money", OracleDbType.Int32,         ⮑
                 ParameterDirection.Input).Value = c.cMoney;
417           objCmd.Parameters.Add("username", OracleDbType.Varchar2,   ⮑
                 ParameterDirection.Input).Value = c.username;
418           objCmd.Parameters.Add("ppassword", OracleDbType.Varchar2,  ⮑
                 ParameterDirection.Input).Value = c.password;
419
420           baglantiAyarla();
421           ReturnValues = -(objCmd.ExecuteNonQuery());
422       }
423       catch(Exception ex)
424       {
425
426       }
427       finally
428       {
429           baglantiAyarla();
430       }
431       return ReturnValues;
432
433   }
```

```csharp
434          public int car_purchase_add(Client client,Cars cars)
435          {
436              try
437              {
438

439

440

441                  //var s = DateTime.Now.ToString("dd-MM-yyyy");
442                  //DateTime myDate = DateTime.Parse(s); //Güncel Tarih
                       OracleParameters ile Oracle date formatına cevrildi.
443                  cmd = new OracleCommand("insert into CARSPURCHASE
                       (clientID,carsNo) values(:clientID,:carsNo) ", con);
444                  cmd.Parameters.Add(":clientID", OracleDbType.Int16, 40).Value
                       = client.clientID;
445                  cmd.Parameters.Add(":carsNo", OracleDbType.Int16, 40).Value =
                       cars.carsNo;
446                  baglantiAyarla();
447                  //cmd.Parameters.Add(":PurchaseDate", OracleDbType.Date,
                       40).Value = myDate;
448                  //OracleParameter param = new OracleParameter();
449                  //param.OracleDbType = OracleDbType.Date;
450                  //param.Value = myDate;
451                  //cmd.Parameters.Add(param);
452                  ReturnValues = cmd.ExecuteNonQuery();
453
454                  cmd = new OracleCommand("UPDATE CARS SET carsNo= :carsNo ,
                       RBStatus= 'Satıldı' WHERE carsNo = :carsNo  ",con);
455                  cmd.Parameters.Add(":carsNo", OracleDbType.Int16, 40).Value =
                       cars.carsNo;
456                  ReturnValues = cmd.ExecuteNonQuery();
457              }
458          catch (Exception ex)
459          {
460
461          }
462          finally
463          {
464              baglantiAyarla();
465          }
466          return ReturnValues;
467      }
468      public int car_rental_add(Client client, Cars cars,RentPrice r)
469      {
470          try
471          {
472

473

474

475                  //var s = DateTime.Now.ToString("dd-MM-yyyy");
476                  //DateTime myDate = DateTime.Parse(s); //Güncel Tarih
                       OracleParameters ile Oracle date formatına cevrildi.
477                  cmd = new OracleCommand("insert into CARSRENTAL
                       (clientID,carsNo,Purchase_Day) values
                       (:clientID,:carsNo,:PurchaseDay) ", con);
478                  cmd.Parameters.Add(":clientID", OracleDbType.Int16, 40).Value
                       = client.clientID;
```

```
479                    cmd.Parameters.Add(":carsNo", OracleDbType.Int16, 40).Value = ⮐
                          cars.carsNo;
480                    cmd.Parameters.Add(":PurchaseDay", OracleDbType.Int16,        ⮐
                          40).Value = r.purchaseDay ;
481                    baglantiAyarla();
482                    //cmd.Parameters.Add(":PurchaseDate", OracleDbType.Date,      ⮐
                          40).Value = myDate;
483                    //OracleParameter param = new OracleParameter();
484                    //param.OracleDbType = OracleDbType.Date;
485                    //param.Value = myDate;
486                    //cmd.Parameters.Add(param);
487                    ReturnValues = cmd.ExecuteNonQuery();
488
489                    cmd = new OracleCommand("UPDATE CARS SET carsNo= :carsNo ,    ⮐
                          RBStatus= 'Kiralandı' WHERE carsNo = :carsNo  ", con);
490                    cmd.Parameters.Add(":carsNo", OracleDbType.Int16, 40).Value = ⮐
                          cars.carsNo;
491                    ReturnValues = cmd.ExecuteNonQuery();
492                }
493            catch (Exception ex)
494            {
495
496            }
497            finally
498            {
499                baglantiAyarla();
500            }
501            return ReturnValues;
502        }
503        public OracleDataReader aramaDurum(String text)
504        {
505            try
506            {
507                cmd = new OracleCommand("(select                                  ⮐
                      cars.carsNo,cBrand,Cmodel,ccolor,cyear,cinfo,cexamination,ct  ⮐
                      ype,ckilometer,cfueltype,cengine,rbstatus,rentprice from      ⮐
                      Cars inner join rentprice on cars.carsNo= rentprice.carsNo    ⮐
                      WHERE (UPPER(cBrand) like  UPPER(:arama) || '%' or UPPER      ⮐
                      (cColor) like UPPER(:arama)  || '%' or UPPER(cars.carsNo)     ⮐
                      like UPPER(:arama)  || '%' or UPPER(cModel) like UPPER        ⮐
                      (:arama)  || '%' or UPPER(RBStatus) like UPPER(:arama)  ||    ⮐
                      '%' )) " +
508                  "UNION ALL (select                                             ⮐
                      cars.carsNo,cBrand,Cmodel,ccolor,cyear,cinfo,cexamination,    ⮐
                      ctype,ckilometer,cfueltype,cengine,rbstatus,buyprice from     ⮐
                      Cars inner join buyprice on cars.carsNo= buyprice.carsNo      ⮐
                      WHERE (UPPER(cBrand) like  UPPER(:arama) || '%' or UPPER      ⮐
                      (cColor) like UPPER(:arama)  || '%' or UPPER(cars.carsNo)     ⮐
                      like UPPER(:arama)  || '%' or UPPER(cModel) like UPPER        ⮐
                      (:arama)  || '%' or UPPER(RBStatus) like UPPER(:arama)  ||    ⮐
                       '%' )) order by carsNo asc", con);
509                cmd.Parameters.Add(":arama", OracleDbType.Varchar2, 40).Value     ⮐
                      = text;
510                baglantiAyarla();
511                return cmd.ExecuteReader();
512            }
```

```csharp
513                    catch (Exception ex)
514                    {
515
516                    }
517                    return cmd.ExecuteReader();
518            }
519        public OracleDataReader aramaDurumClientKiralık(String text)
520        {
521            try
522            {
523                cmd = new OracleCommand("(select
                    cars.carsNo,cBrand,Cmodel,ccolor,cyear,cinfo,cexamination,ct
                    ype,ckilometer,cfueltype,cengine,rbstatus,rentprice from
                    Cars inner join rentprice on cars.carsNo= rentprice.carsNo
                    WHERE ((RBStatus = 'Kiralık') and (UPPER(cBrand) like  UPPER
                    (:arama) || '%' or UPPER(cColor) like UPPER(:arama)  || '%'
                    or UPPER(cars.carsNo) like UPPER(:arama)  || '%' or UPPER
                    (cModel) like UPPER(:arama)  || '%' ) )) order by carsNo
                    asc", con);
524                //cmd = new OracleCommand("(select
                    cars.carsNo,cBrand,Cmodel,ccolor,cyear,cinfo,cexamination,ct
                    ype,ckilometer,cfueltype,cengine,rbstatus,rentprice from
                    Cars inner join rentprice on cars.carsNo= rentprice.carsNo
                    WHERE (UPPER(cBrand) like  UPPER(:arama) || '%' or UPPER
                    (cColor) like UPPER(:arama)  || '%' or UPPER(cars.carsNo)
                    like UPPER(:arama)  || '%' or UPPER(cModel) like UPPER
                    (:arama)  || '%' ) ) " +
525                //  "UNION ALL (select
                    cars.carsNo,cBrand,Cmodel,ccolor,cyear,cinfo,cexamination,ct
                    ype,ckilometer,cfueltype,cengine,rbstatus,buyprice from Cars
                     inner join buyprice on cars.carsNo= buyprice.carsNo   WHERE
                     (UPPER(cBrand) like  UPPER(:arama) || '%' or UPPER(cColor)
                    like UPPER(:arama)  || '%' or UPPER(cars.carsNo) like UPPER
                    (:arama)  || '%' or UPPER(cModel) like UPPER(:arama)  ||
                    '%' )  ) order by carsNo asc", con);
526                cmd.Parameters.Add(":arama", OracleDbType.Varchar2, 40).Value
                     = text;
527
528                baglantiAyarla();
529                return cmd.ExecuteReader();
530            }
531            catch (Exception ex)
532            {
533
534            }
535            return cmd.ExecuteReader();
536        }
537        public OracleDataReader aramaDurumClientSatılık(String text)
538        {
539            try
540            {
541                cmd = new OracleCommand("(select
                    cars.carsNo,cBrand,Cmodel,ccolor,cyear,cinfo,cexamination,ct
                    ype,ckilometer,cfueltype,cengine,rbstatus,buyprice from Cars
                     inner join buyprice on cars.carsNo= buyprice.carsNo   WHERE
                     ((RBStatus = 'Satılık' ) and (UPPER(cBrand) like  UPPER
```

```
               (:arama) || '%' or UPPER(cColor) like UPPER(:arama)  || '%'  ⤶
               or UPPER(cars.carsNo) like UPPER(:arama)  || '%' or UPPER    ⤶
               (cModel) like UPPER(:arama)  || '%' ) ) ) order by carsNo    ⤶
               asc", con);
542            cmd.Parameters.Add(":arama", OracleDbType.Varchar2, 40).Value ⤶
                = text;
543            baglantiAyarla();
544            return cmd.ExecuteReader();
545        }
546        catch (Exception ex)
547        {
548
549        }
550        return cmd.ExecuteReader();
551    }
552
553
554  }
555  }
556
557
558
```