

```
1 <%@ WebHandler Language="C#" Class="student_grid" %>
2
3 using System;
4 using System.Web;
5 using System.Linq;
6 using Newtonsoft.Json;
7 using Newtonsoft.Json.Linq;
8 using System.Collections.Generic;
9 using System.IO;
10
11 public class student_grid : IHttpHandler {
12     studentDataContext sdc = new studentDataContext();
13     //模擬資料物件
14     public class studentInfo
15     {
16         public int st_id;           //給予各欄位值
17         public string sname;
18         public Boolean sex;
19         public DateTime birthday;
20     }
21
22     public class ResultData
23     {
24         public object Data;
25         public int TotalCount;
26     }
27
28     static List<studentInfo> _studentInfo = null;
29     public void ProcessRequest (HttpContext context) {
30
31         //刪除功能
32         if(context.Request["Operator"] !=null)
33         {
34             string _operator = context.Request["Operator"];
35
36             switch (_operator)
37             {
38                 case "Delete":
39                     {
40                         var stid = Convert.ToInt32(context.Request["st_id"]);
41                         var search_query = from g in sdc.stData
42                                             where g.st_id==stid
43                                             select g;
44
45                         if(search_query.FirstOrDefault() !=null)
46                         {
47                             //刪除記錄
48                             sdc.stData.DeleteOnSubmit(search_query.SingleOrDefault());
49                             sdc.SubmitChanges();
50                         }
51
52                         break;
53                     }
54             }
55         }
56     }
57 }
```

```
54     }
55     }
56
57     //查詢指令
58     var listBoard = from g in sdc.stData
59                     orderby g.st_id descending //遞減排序
60                     select g;
61
62     if (listBoard.FirstOrDefault() != null)
63     {
64         _studentInfo = listBoard.Select(bo => new studentInfo()
65         {
66             st_id=bo.st_id,
67             sname=bo.st_name,
68             sex=Convert.ToBoolean(bo.st_sex),
69             birthday=Convert.ToDateTime(bo.st_birthday)
70         }).ToList();
71     }
72     else
73     {
74         _studentInfo = listBoard.Select(bo => new studentInfo()
75         {
76             st_id=0,
77             sname="",
78             sex=false,
79             birthday=DateTime.Today
80         }).ToList();
81     }
82
83
84     int pageSize = 20, take = 20, skip = 0; //分頁設定預設值：分頁資料筆數、取出筆
85     int.TryParse(context.Request["pageSize"], out pageSize); //取得分頁的資料筆數
86     int.TryParse(context.Request["take"], out take);
87     int.TryParse(context.Request["skip"], out skip);
88     var paged = _studentInfo.Skip(skip).Take(take);
89
90     ResultData rd = new ResultData();
91     rd.Data = paged.ToList();
92     rd.TotalCount = _studentInfo.Count();
93     string jsonString = JsonConvert.SerializeObject(rd);
94     context.Response.Write(jsonString);
95 }
96
97 public bool IsReusable {
98     get {
99         return false;
100     }
101 }
102
103 }
```