

```

1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Web;
5  using System.Web.Mvc;
6
7  namespace Lab01_MVC.Controllers
8  {
9      public class CalculationController : Controller
10     {
11         // GET: Calculation
12         public ActionResult Index()
13         {
14             string strNumber1 = Request.QueryString["Number1"];
15             string strNumber2 = Request.QueryString["Number2"];
16
17             string do_action = Request.QueryString["Do"];
18             string message = "Invalid! Your Input must be a number";
19
20             double check;
21
22             if (do_action != null)
23             {
24                 if (do_action == "Addition")
25                 {
26                     if (double.TryParse(strNumber1, out check) && double.TryParse(strNumber2, out check))
27                     {
28                         int sum = Convert.ToInt32(strNumber1) + Convert.ToInt32(strNumber2);
29                         return View((object)sum.ToString() + " of action is " + do_action);
30                     }
31                     else
32                     {
33                         return View((object)message);
34                     }
35                 }
36                 else
37                 {
38                     if (do_action == "Subtraction")
39                     {
40                         if (double.TryParse(strNumber1, out check) && double.TryParse(strNumber2, out check))
41                         {
42                             int sub = Convert.ToInt32(strNumber1) - Convert.ToInt32(strNumber2);
43                             return View((object)(sub.ToString() + " of action is " + do_action));
44                         }
45                         else
46                         {
47                             return View((object)message);
48                         }
49                     }
50                     else
51                     {
52                         if (do_action == "Division")
53                         {
54                             if (double.TryParse(strNumber1, out check) && double.TryParse(strNumber2, out check))
55                             {
56                                 int div = Convert.ToInt32(strNumber1) / Convert.ToInt32(strNumber2);

```

```

57                                 int div = Convert.ToInt32(strNumber1) / Convert.ToInt32(strNumber2);
58                             return View((object)(div.ToString() + " of action is " + do_action));
59                         }
60                         else
61                         {
62                             return View((object)message);
63                         }
64                     }
65                 }
66             }
67             else
68             {
69                 if (do_action == "Multiplication")
70                 {
71                     if (double.TryParse(strNumber1, out check) && double.TryParse(strNumber2, out check))
72                     {
73                         float multi = Convert.ToInt32(strNumber1) * Convert.ToInt32(strNumber2);
74                         return View((object)(multi.ToString() + " of action is " + do_action));
75                     }
76                     else
77                     {
78                         return View((object)message);
79                     }
80                 }
81                 else
82                 {
83                     return View((object)("Đây Không phải action. xin mời bạn nhập lại action!"));
84                 }
85             }
86         }
87     }
88 }
89
90 public ActionResult Summary()
91 {
92     string strNumber1 = Request.QueryString["Number1"];
93     string strNumber2 = Request.QueryString["Number2"];
94
95     string message = "Invalid! Your Input must be a number";
96
97     double check;
98
99     if (double.TryParse(strNumber1, out check) && double.TryParse(strNumber2, out check))
100    {
101        int sum = Convert.ToInt32(strNumber1) + Convert.ToInt32(strNumber2);
102        return View((object)sum.ToString());
103    }
104    else
105    {
106        return View((object)message);
107    }
108 }

```

62 % No issues found

Ln: 2 Ch: 34 SPC CRLF

Solution Explorer

Search Solution Explorer (Ctrl+):

- ArrayStats()
- HomeController.cs
- fonts
- Models
- Scripts
- Views
- ArrayStats
- Calculation
 - ArrayStats.cshtml
 - Division.cshtml
 - Index.cshtml
 - Multiplication.cshtml
 - Subtraction.cshtml
 - Summary.cshtml
- Home
 - Index.cshtml
- Shared
- Web.config

Solution Explorer Git Changes

Properties

Properties window showing details for the selected file.

Summary.cshhtmlRouteConfig.csSubtraction.cshhtmlIndex.cshhtmlArrayStats.cshhtmlCalculationController.csDivision.cshhtml

Lab01_MVC

Lab01_MVC.Controllers.CalculationController

Index()

```
115 }
116 else
117 {
118     return View((object)message);
119 }
120 }
121
122 public ActionResult Division()
123 {
124     string strNumber1 = Request.QueryString["Number1"];
125     string strNumber2 = Request.QueryString["Number2"];
126     string message = "Invalid! Your Input must be a number";
127     double check;
128
129     if (double.TryParse(strNumber1, out check) && double.TryParse(strNumber2, out check))
130     {
131         int div = Convert.ToInt32(strNumber1) / Convert.ToInt32(strNumber2);
132         return View((object)div.ToString());
133     }
134     else
135     {
136         return View((object)message);
137     }
138 }
139
140 public ActionResult Subtraction()
141 {
142     string strNumber1 = Request.QueryString["Number1"];
143     string strNumber2 = Request.QueryString["Number2"];
144     string message = "Invalid! Your Input must be a number";
145     double check;
146
147     if (double.TryParse(strNumber1, out check) && double.TryParse(strNumber2, out check))
148     {
149         int sub = Convert.ToInt32(strNumber1) - Convert.ToInt32(strNumber2);
150         return View((object)sub.ToString());
151     }
152     else
153     {
154         return View((object)message);
155     }
156 }
157
158 public ActionResult Multiplication()
159 {
160     string strNumber1 = Request.QueryString["Number1"];
161     string strNumber2 = Request.QueryString["Number2"];
162     string message = "Invalid! Your Input must be a number";
163     double check;
164
165     if (double.TryParse(strNumber1, out check) && double.TryParse(strNumber2, out check))
166     {
167         float multi = Convert.ToInt32(strNumber1) * Convert.ToInt32(strNumber2);
168         return View((object)multi.ToString());
169     }
170     else
171     {
172         return View((object)message);
173     }
174 }
```

62 % No issues found Ln: 2 Ch: 34 SPC CRLF

Solution Explorer

Search Solution Explorer (Ctrl+)

- References
- App_Data
- App_Start
 - BundleConfig.cs
 - FilterConfig.cs
 - RouteConfig.cs
- Content
- Controllers
 - CalculationController.cs
 - Index() : ActionResult
 - Summary() : ActionResult
 - Division() : ActionResult
 - Subtraction() : ActionResult
 - Multiplication() : ActionResult
 - ArrayStats() : ActionResult
 - HomeController.cs
- fonts

Solution Explorer Git Changes

Properties

Summary.cshhtmlRouteConfig.csSubtraction.cshhtmlIndex.cshhtmlArrayStats.cshhtmlCalculationController.csDivision.cshhtml

Lab01_MVC

Lab01_MVC.Controllers.CalculationController

Summary()

```
172     return View((object)multi.ToString());
173 }
174 else
175 {
176     return View((object)message);
177 }
178 }
179
180 public ActionResult ArrayStats()
181 {
182     string strarr = Request.QueryString["Arr"];
183     string message = Request.QueryString["Check"];
184
185     if (strarr != null && message == null)
186     {
187         string[] strarr1 = strarr.Split(' ', ',', '\t');
188         int Elements = strarr1.Length - 2;
189         int max = Convert.ToInt32(strarr1[1]);
190         int min = Convert.ToInt32(strarr1[1]);
191         for (var i = 1; i < strarr1.Length - 2; i++)
192         {
193             if (max < Convert.ToInt32(strarr1[i + 1]))
194             {
195                 max = Convert.ToInt32(strarr1[i + 1]);
196             }
197             if (min > Convert.ToInt32(strarr1[i + 1]))
198             {
199                 min = Convert.ToInt32(strarr1[i + 1]);
200             }
201         }
202         return View((object)("Array has " + Elements.ToString() + " elements and max is " + max.ToString() + " and min is " + min.ToString()));
203     }
204
205     if (strarr != null && message != null)
206     {
207         string[] strarr1 = strarr.Split(' ', ',', '\t');
208         if (message == "Min")
209         {
210             int min = Convert.ToInt32(strarr1[1]);
211             for (var i = 1; i < strarr1.Length - 2; i++)
212             {
213                 if (min > Convert.ToInt32(strarr1[i + 1]))
214                 {
215                     min = Convert.ToInt32(strarr1[i + 1]);
216                 }
217             }
218             return View((object)("Array Min is " + min.ToString()));
219         }
220
221         if (message == "Max")
222         {
223             int max = Convert.ToInt32(strarr1[1]);
224             for (var i = 1; i < strarr1.Length - 2; i++)
225             {
226                 if (max < Convert.ToInt32(strarr1[i + 1]))
227                 {
228                     max = Convert.ToInt32(strarr1[i + 1]);
229                 }
230             }
231             return View((object)("Array Max is " + max.ToString()));
232         }
233     }
234 }
```

62 % No issues found Ln: 117 Ch: 14 SPC CRLF

Solution Explorer

Search Solution Explorer (Ctrl+)

- References
- App_Data
- App_Start
 - BundleConfig.cs
 - FilterConfig.cs
 - RouteConfig.cs
- Content
- Controllers
 - CalculationController.cs
 - Index() : ActionResult
 - Summary() : ActionResult
 - Division() : ActionResult
 - Subtraction() : ActionResult
 - Multiplication() : ActionResult
 - ArrayStats() : ActionResult
 - HomeController.cs
- fonts

Solution Explorer Git Changes

Properties

```
204     }
205     return View(object)("Array has " + Elements.ToString() + " elements and max is " + max.ToString() + " and min is " + min.ToString());
206 }
207
208 if (strarr != null && message != null)
209 {
210     string[] strarr1 = strarr.Split('|', ',', ' ');
211     if (message == "Min")
212     {
213         int min = Convert.ToInt32(strarr1[1]);
214         for (var i = 1; i < strarr1.Length - 2; i++)
215         {
216             if (min > Convert.ToInt32(strarr1[i + 1]))
217             {
218                 min = Convert.ToInt32(strarr1[i + 1]);
219             }
220         }
221         return View(object)("Array Min is " + min.ToString());
222     }
223
224     if (message == "Max")
225     {
226         int max = Convert.ToInt32(strarr1[1]);
227         for (var i = 1; i < strarr1.Length - 2; i++)
228         {
229             if (max < Convert.ToInt32(strarr1[i + 1]))
230             {
231                 max = Convert.ToInt32(strarr1[i + 1]);
232             }
233         }
234         return View(object)("Array Max is " + max.ToString());
235     }
236
237     if (message == "Num")
238     {
239         int Elements = strarr1.Length - 2;
240         return View(object)("Array has " + Elements.ToString() + " elements");
241     }
242
243     return View(object)("bạn truyền url sai. xin nhập lại!!!");
244 }
245
246 return View(object)("Xin mời bạn nhập thông tin array vào url.!!!");
247 }
248 }
249
250 }
251 }
```

62 % No issues found Ln: 117 Ch: 14 SPC CRLF

Output Error List Output

RouteConfig.cs Content Controllers CalculationController Index() : ActionResult Summary() : ActionResult Division() : ActionResult Subtraction() : ActionResult Multiplication() : ActionResult ArrayStats() : ActionResult HomeController.cs fonts Solution Explorer Git Changes Properties

Summary.cshtml RouteConfig.cs Subtraction.cshtml Index.cshtml ArrayStats.cshtml CalculationController.cs Division.cshtml

```
1 ViewBag.Title = "ArrayStats";
2
3
4
5
6 <h2>Calculation - ArrayStats</h2>
7
8 @model string
9
10 <p>@Model</p>
11
12
```

Server Explorer Toolbox

Solution Explorer Search Solution Explorer (Ctrl+) ArrayStats() : ActionResult HomeController.cs fonts Models Scripts

Summary.cshtml RouteConfig.cs Subtraction.cshtml Index.cshtml ArrayStats.cshtml CalculationController.cs Division.cshtml

```
1 ViewBag.Title = "Summary";
2
3
4
5
6 <h2>Calculation - Summary</h2>
7
8 @model string
9
10 <p>Value: @Model</p>
11
```

Server Explorer Toolbox

Solution Explorer Search Solution Explorer (Ctrl+) ArrayStats() : ActionResult HomeController.cs fonts Models

Summary.cshtml RouteConfig.cs Subtraction.cshtml Index.cshtml ArrayStats.cshtml CalculationController.cs Division.cshtml

```
1 ViewBag.Title = "Subtraction";
2
3
4
5
6 <h2>Calculation - Subtraction</h2>
7
8 @model string
9
10 <p>Value: @Model</p>
11
```

Server Explorer Toolbox

Solution Explorer Search Solution Explorer (Ctrl+) ArrayStats() : ActionResult HomeController.cs fonts Models

Summary.cshtml RouteConfig.cs Subtraction.cshtml Index.cshtml ArrayStats.cshtml CalculationController.cs Multiplication.cshtml

```
1 ViewBag.Title = "Multiplication";
2
3
4
5
6 <h2>Calculation - Multiplication</h2>
7
8 @model string
9
10 <p>Value: @Model</p>
11
```

Server Explorer Toolbox

Solution Explorer Search Solution Explorer (Ctrl+) ArrayStats() : ActionResult HomeController.cs fonts Models

Server Explorer Toolbox

Summary.cshtmlRouteConfig.csSubtraction.cshtmlIndex.cshtmlArrayStats.cshtmlMultiplication.cshtmlDivision.cshtml

```
1
2
3 ViewBag.Title = "Division";
4
5
6 <h2>Calculation - Division</h2>
7
8 @model string
9 <p>Value: @Model</p>
10
11
```

Server Explorer Toolbox

Lab01_MVC

Lab01_MVC.RouteConfig

RegisterRoutes(RouteCollection routes)

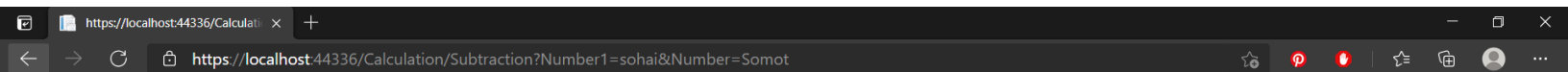
```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Web;
5 using System.Web.Mvc;
6 using System.Web.Routing;
7
8 namespace Lab01_MVC
9 {
10     public class RouteConfig
11     {
12         public static void RegisterRoutes(RouteCollection routes)
13         {
14             routes.IgnoreRoute("{resource}.axd/{*pathInfo}");
15
16             routes.MapRoute(
17                 name: "Calculation - array",
18                 url: "{controller}/{action}/{id}",
19                 defaults: new { id = UrlParameter.Optional }
20             );
21
22             routes.MapRoute(
23                 name: "Calculation",
24                 url: "{controller}/{id}"
25             );
26
27             routes.MapRoute(
28                 name: "Default",
29                 url: "{controller}/{action}/{id}",
30                 defaults: new { controller = "Home", action = "Index", id = UrlParameter.Optional }
31             );
32         }
33     }
34 }
35
36
```

Solution Explorer

Search Solution Explorer

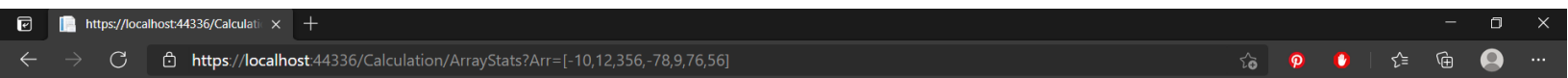
- App_Start
 - BundleConfig.cs
 - FilterConfig.cs
 - RouteConfig.cs
- Content
 - Controllers
 - Calculation
 - CalculationController.cs
 - CalculationController.cs
 - CalculationController.cs
 - CalculationController.cs
 - CalculationController.cs
 - CalculationController.cs
 - HomeController.cs
- fonts
- Models
- Scripts

Solution Explorer | Git



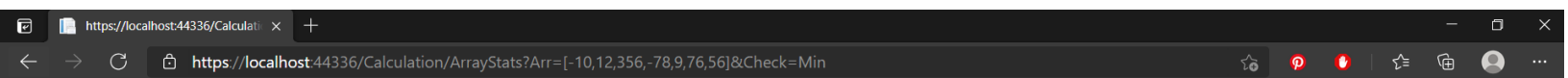
Calculation - Subtraction

Value: Invalid! Your Input must be a number



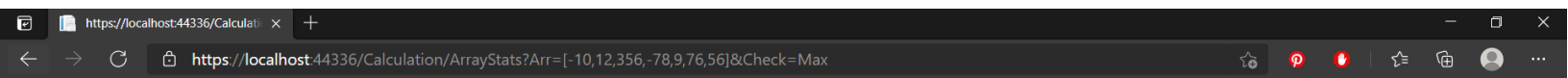
Calculation - ArrayStats

Array has 7 elements and max is 356 and min is -78



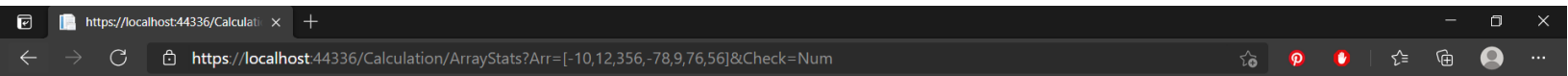
Calculation - ArrayStats

Array Min is -78



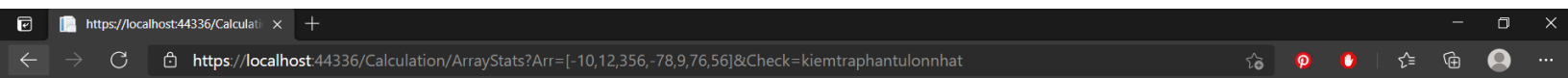
Calculation - ArrayStats

Array Max is 356



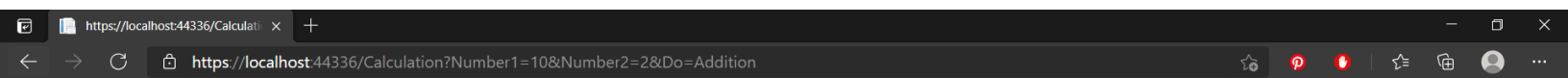
Calculation - ArrayStats

Array has 7 elements



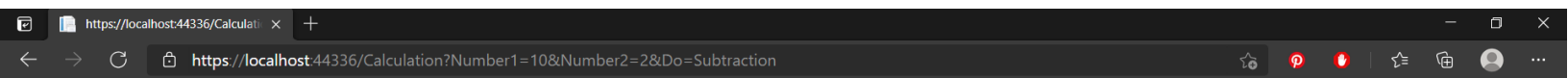
Calculation - ArrayStats

bạn truyền url sai, xin nhập lại!!!



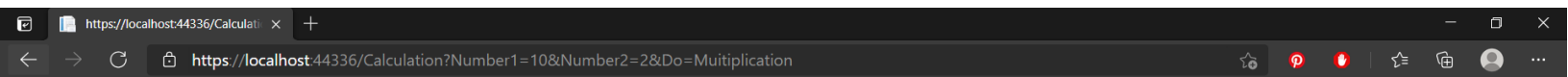
Calculation

Value: 12 of action is Addition



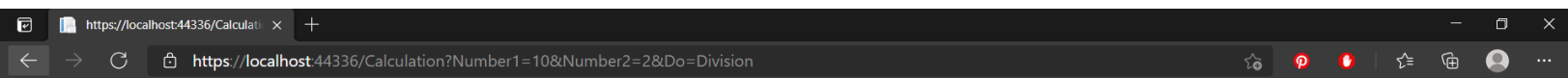
Calculation

Value: 8 of action is Subtraction



Calculation

Value: 20 of action is Muiltiplication



Calculation

Value: 5 of action is Division