```csharp
1  using System;
2  using System.Collections.Generic;
3  using System.Diagnostics;
4  using System.Linq;
5  using System.Threading.Tasks;
6  using Microsoft.AspNetCore.Mvc;
7  using Authentication.Models;
8  using System.Security.Claims;
9  using Microsoft.AspNetCore.Authentication;
10 using Microsoft.AspNetCore.Authentication.Cookies;
11 using Microsoft.AspNetCore.Authorization;
12
13 namespace Authentication.Controllers
14 {
15     public class HomeController : Controller
16     {
17         [HttpPost]
18         public async Task<IActionResult> login(string name)
19         {
20             if (string.IsNullOrEmpty(name))
21             {
22                 return RedirectToAction(nameof(Index));
23             }
24             var identity = new ClaimsIdentity(new[]
25             {
26                 new Claim(ClaimTypes.Name,name),
27                 new Claim(ClaimTypes.Role,"admin"),},
28             CookieAuthenticationDefaults.AuthenticationScheme);
29             var principle = new ClaimsPrincipal(identity);
30             await HttpContext.SignInAsync(
31                 CookieAuthenticationDefaults.AuthenticationScheme,
                    principle);
32             return RedirectToAction(nameof(Index));
33         }
34         [Authorize(Policy = "MustBeAdmin")]
35         public IActionResult Manage() => View();
36
37         public async Task<IActionResult> logout()
38         {
39             await HttpContext.SignOutAsync(
40                 CookieAuthenticationDefaults.AuthenticationScheme);
41             return RedirectToAction(nameof(Index));
42         }
43         public IActionResult Index()
44         {
45             return View();
46         }
47
48         public IActionResult About()
49         {
50             ViewData["Message"] = "Your application description page.";
51
52             return View();
```

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53              }
54
55          public IActionResult Contact()
56          {
57              ViewData["Message"] = "Your contact page.";
58
59              return View();
60          }
61
62          public IActionResult Privacy()
63          {
64              return View();
65          }
66
67          [ResponseCache(Duration = 0, Location = ResponseCacheLocation.None,  ⏎
                NoStore = true)]
68          public IActionResult Error()
69          {
70              return View(new ErrorViewModel { RequestId =                     ⏎
                    Activity.Current?.Id ?? HttpContext.TraceIdentifier });
71          }
72      }
73  }
74
```