

Compare Two Property Values Using the [Compare] Attribute Labs

Perform these labs on your own computer using Visual Studio 2022 or later to ensure you understand the lessons presented in the corresponding videos and lectures.

Lab 1: Compare Two Password Fields Using the [Compare] Attribute

Open the **User.cs** file and modify the **ConfirmPassword** property as shown below.

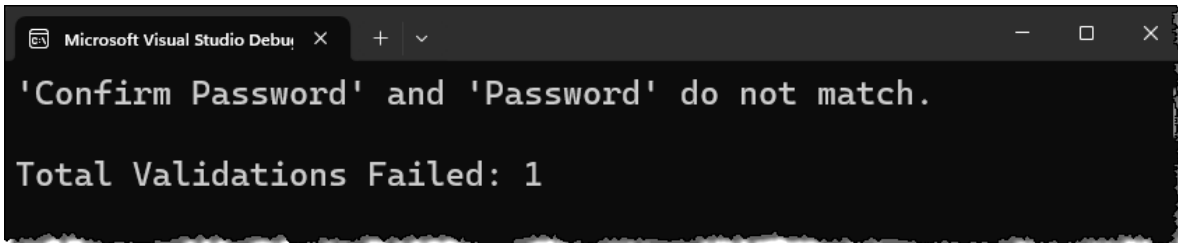
```
[Display(Name = "Confirm Password")]  
[Compare("Password")]  
public string ConfirmPassword { get; set; } =  
    string.Empty;
```

Try It Out

Open the **Program.cs** file and instantiate a User entity object to look like the following. Notice that the **Password** and **ConfirmPassword** properties are different.

```
User entity = new() {  
    UserId = 1,  
    LoginId = "JoeSmith",  
    Password = "Joe!Smith@2024",  
    ConfirmPassword = "Joesmith2024",  
    EmailAddress = "john@smith.com",  
    Phone = "(615) 111-1111"  
};
```

Run the application to see the following error message appear.



Lab 2: Add a Custom Error Message to the [Compare] Attribute

Open the **User.cs** file and modify the **[Compare]** attribute to have the **ErrorMessage** property use placeholders. Also notice the use of the **nameof()** method.

```
[Compare (nameof (User.Password) ,  
    ErrorMessage = "'{0}' must match the '{1}'")]  
public string ConfirmPassword { get; set; } =  
    string.Empty;
```

Try It Out

Run the application to see the following error message appear.

