

PEMROGRAMAN WEB LANJUTAN

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Topik

- ▶ Conditional If (C#)
- ▶ Switch Case (C#)
- ▶ Conditional If (Razor)
- ▶ Inline if(Razor)

Pre-Test

- ▶ Apa perbedaan if dan switch case? Kapan sebaiknya menggunakan switch case dibanding if?
- ▶ Apa itu short hand if? Jelaskan

Conditional IF

- Untuk Kondisi, gunakan IF. Syntax sama seperti Bahasa C

```
if (condition1)
{
    // block of code to be executed if condition1 is True
}
else if (condition2)
{
    // block of code to be executed if the condition1 is false and condition2 is True
}
else
{
    // block of code to be executed if the condition1 is false and condition2 is False
}
```

Conditional IF

- Untuk Kondisi, gunakan IF. Syntax sama seperti Bahasa C

```
string sapaan = "";  
if(umur > 18 && jk == "P")  
    sapaan = "Ny";  
else if(umur > 18 && jk == "L")  
    sapaan = "Tn";
```

Short Hand If

```
int time = 20;  
string result = (time < 18) ? "Good day." : "Good evening.";  
Console.WriteLine(result);
```

Switch Case

- ▶ The switch expression is evaluated once
- ▶ The value of the expression is compared with the values of each case
- ▶ If there is a match, the associated block of code is executed
- ▶ The break and default keywords will be described later in this chapter

Switch Case

```
int day = 4;
switch (day)
{
    case 1:
        Console.WriteLine("Monday");
        break;
    case 2:
        Console.WriteLine("Tuesday");
        break;
    case 3:
        Console.WriteLine("Wednesday");
        break;
    case 4:
        Console.WriteLine("Thursday");
        break;
    case 5:
        Console.WriteLine("Friday");
        break;
    case 6:
        Console.WriteLine("Saturday");
        break;
    case 7:
        Console.WriteLine("Sunday");
        break;
}
// Outputs "Thursday" (day 4)
```


Conditional IF (Razor)

- ▶ Ada kalanya untuk tampilan kita membutuhkan IF
- ▶ Gunakan @{ } untuk memisahkan dengan tag HTML

```
@{var price = 50;}  
<html>  
<body>  
    @if (price > 30)  
    {  
        <p>The price is too high.</p>  
    }  
</body>  
</html>
```

Inline IF (Razor)

```
<div style="@ (Model.Type == "1" : "display:none" : "")"></div>
```

- ▶ Pada code di atas, jika Type bernilai 1, div tersebut tidak akan muncul (hide). Jika bukan 1 div akan muncul karena style= ""

Pemrograman Web Lanjutan

SEKIAN DAN TERIMA KASIH