

## EP 5 : Comparison, Condition and Switch



# Comparison



การเปรียบเทียบที่จะได้ผลลัพธ์เป็น True หรือ False เสมอ

Operator	Description	Comparing	Returns
==	equal to	x == 8	false
		x == 5	true
		x == "5"	true
===	equal value and equal type	x === 5	true
		x === "5"	false
!=	not equal	x != 8	true
!==	not equal value or not equal type	x !== 5	false
		x !== "5"	true
		x !== 8	true
>	greater than	x > 8	false
<	less than	x < 8	true
>=	greater than or equal to	x >= 8	false
<=	less than or equal to	x <= 8	true

# Logical Operators



Operator	Description	Example
&&	and	(x < 10 && y > 1) is true
	or	(x == 5    y == 5) is false
!	not	!(x == y) is true

# Ternary Operator





```
1  const variablename = (condition) ? 'it\'s true' : 'it\'s false'
```



# Question





```
1 4 < 14
2 4 < '14'
3 4 < 'Matthew'
4 4 > 'Matthew'
5 4 == 'Mathew'
6 '4' < '14'
7 '4' > '14'
8 '4' == '12'
```

# Condition (If-Else)

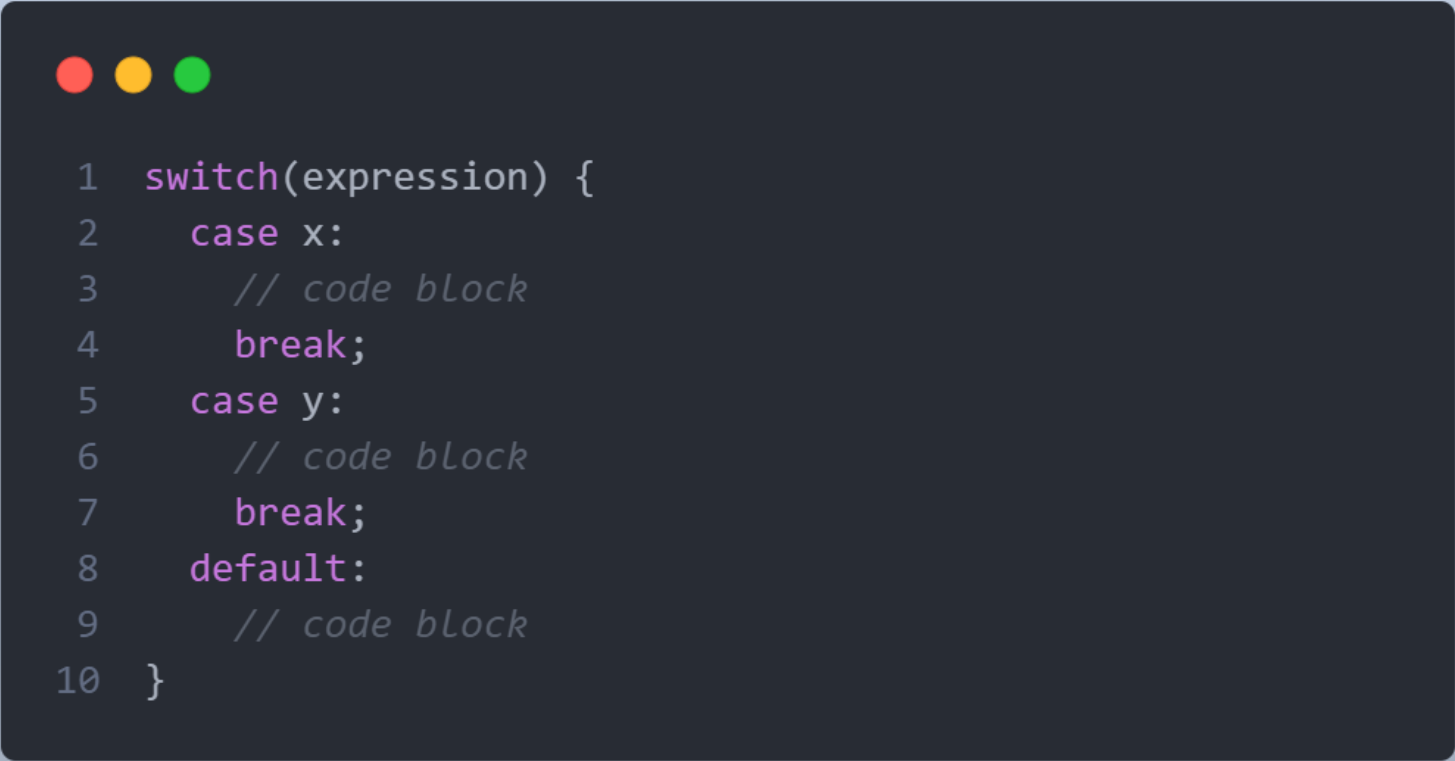




```
1 if (condition1) {  
2     // block of code to be executed if condition1 is true  
3 } else if (condition2) {  
4     // block of code to be executed if the condition1 is false and condition2 is true  
5 } else {  
6     // block of code to be executed if the condition1 is false and condition2 is false  
7 }
```

# Switch





```
1  switch(expression) {  
2      case x:  
3          // code block  
4          break;  
5      case y:  
6          // code block  
7          break;  
8      default:  
9          // code block  
10 }
```

# Let's code some project



Weather



25°C  
moderate rain

Bang Khun Thian, TH





**SEE YOU SOON ...**