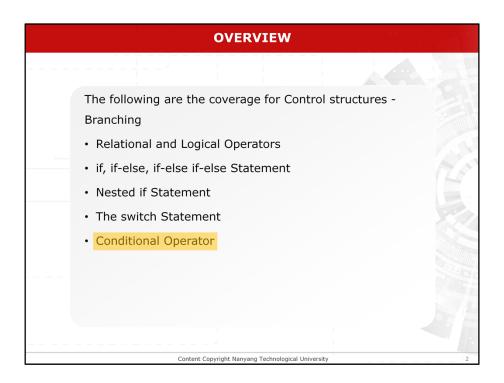


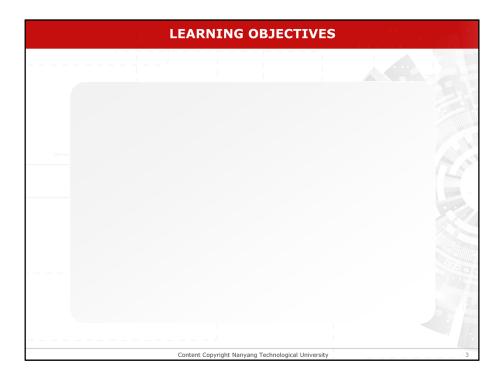
This lesson is on control structure branching



Basic C Programming

There are 5 main sections to cover for Control structures (branching).

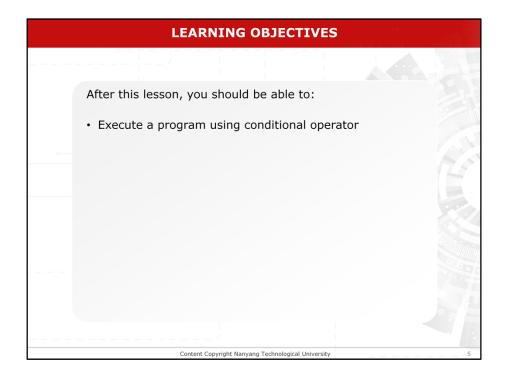
This video lesson focuses on the fifth part: conditional operator



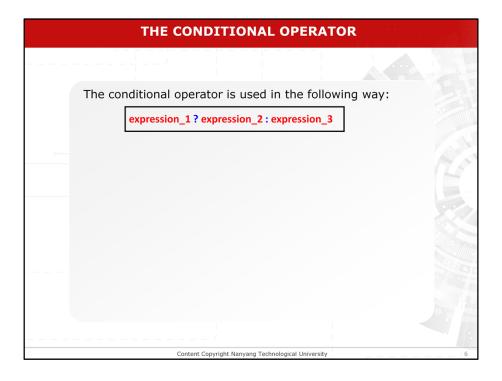
Learning objectives



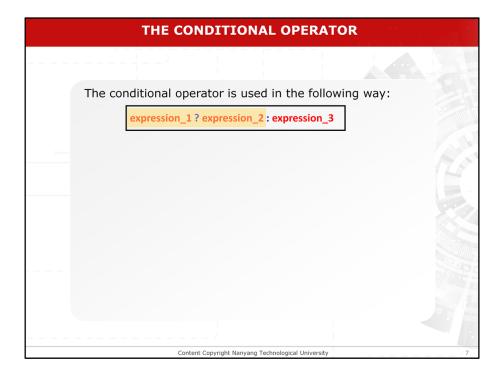
After this lesson, you should be able to:



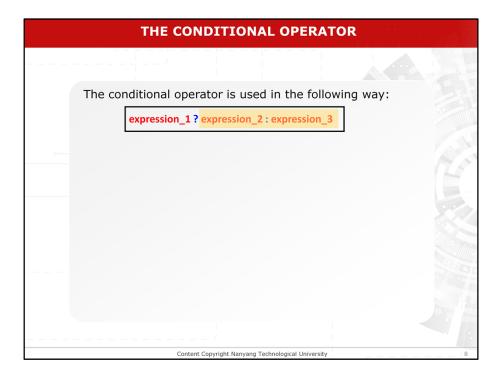
Execute a program using conditional operator



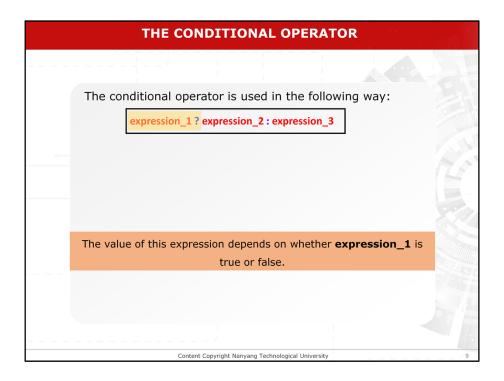
The conditional operator is a ternary operator, which takes three expressions



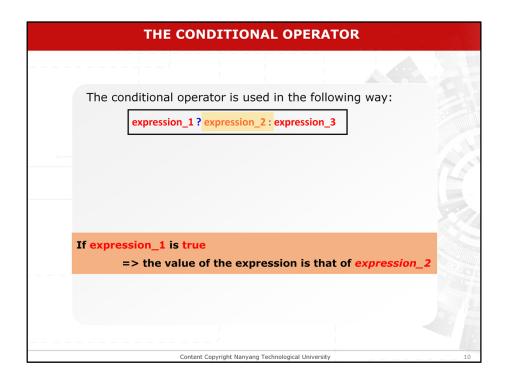
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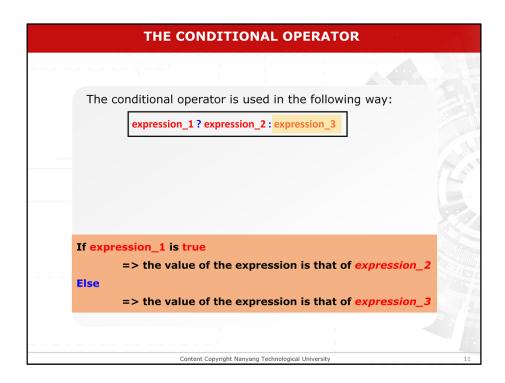
The conditional operator is a ternary operator, which takes three expressions



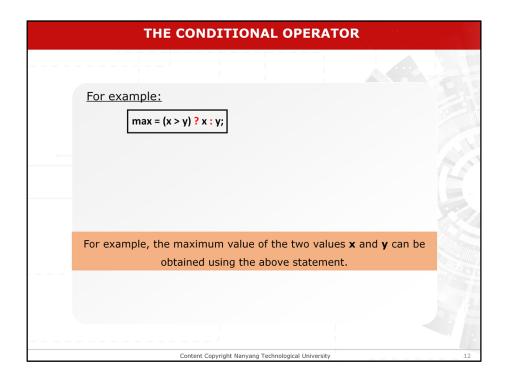
The value of this expression depends on whether **expression 1** is true or false.



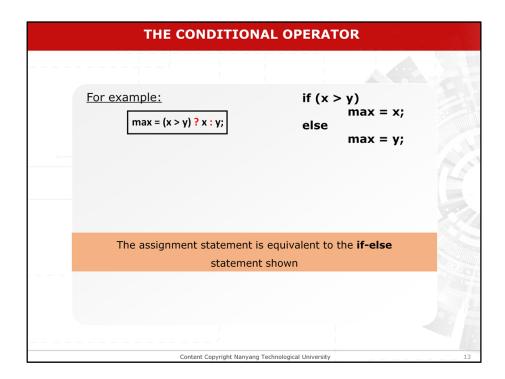
If expression 1 is true, the value of the expression becomes the value of expression 2,



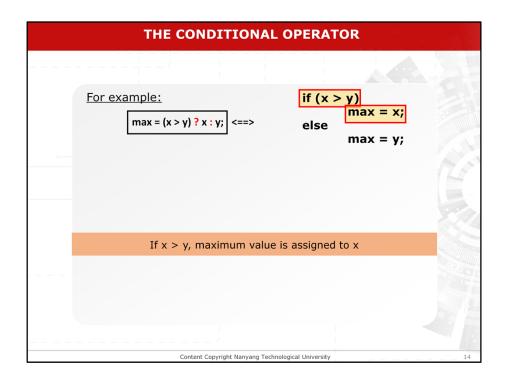
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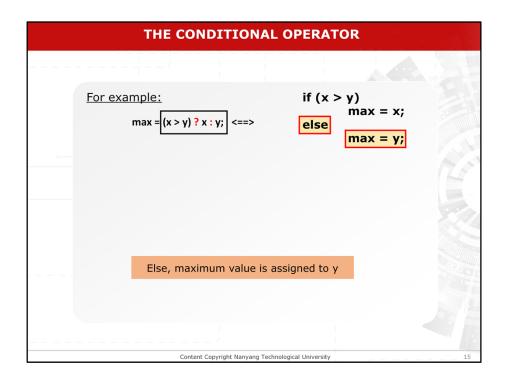
For example, the maximum value of the two values ${\bf x}$ and ${\bf y}$ can be obtained using the statement shown



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If x is greater than y, maximum value is assigned to x.



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/* Example to show a conditional expression */
#include <stdio.h>
int main()
{
    int selection; /* User input selection */
    printf("Enter a 1 or a 0 => ");
    scanf("%d", &selection);

/* write conditional operator code here */
    return 0;
}
```

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If choice is 1, then the string "A one." will be printed.
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/* write conditional operator code here */
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}

Output
Enter a 1 or a 0 => 0
A zero.

/* printf("Enter a 1 or a 0 => ");
scanf("%d", &selection);

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return 0;
}

Otherwise, the string "A zero." will be printed.
```

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Question: How could this be implemented using conditional operator?
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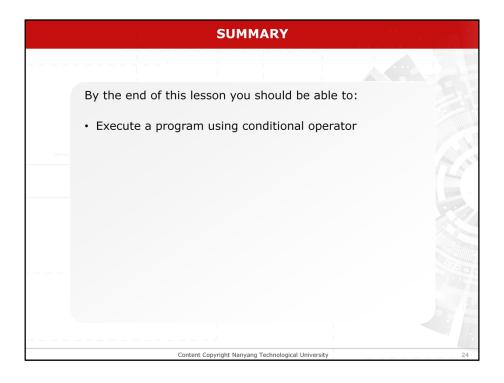
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By the end of the lesson, you should be able to do the listed.