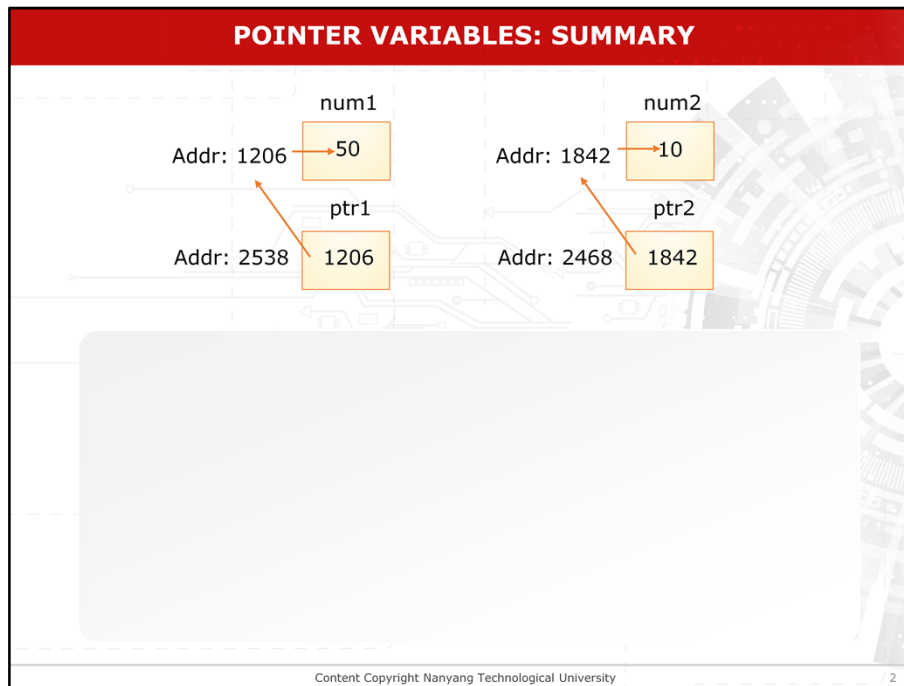
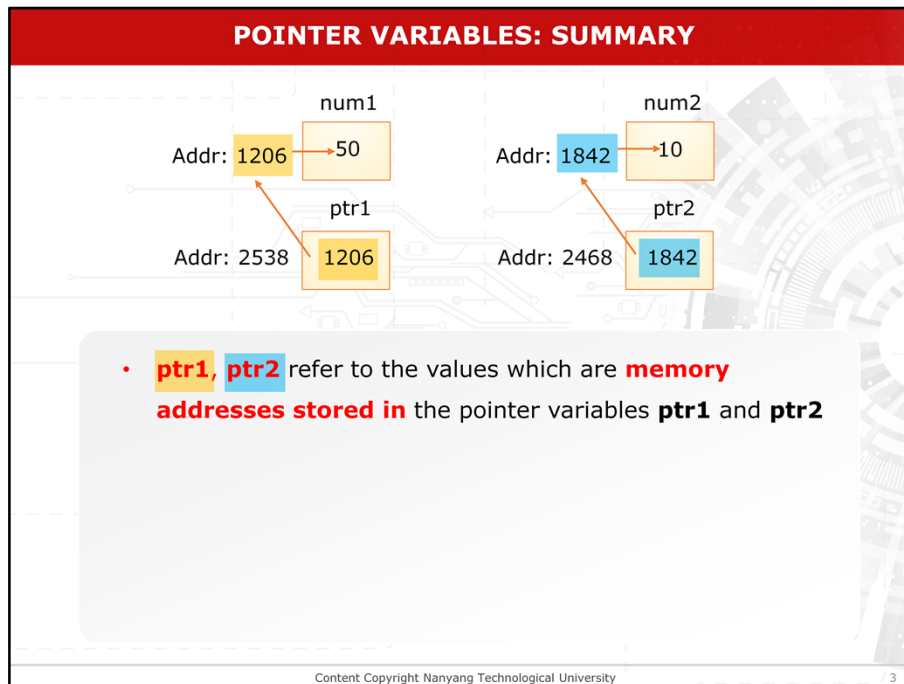


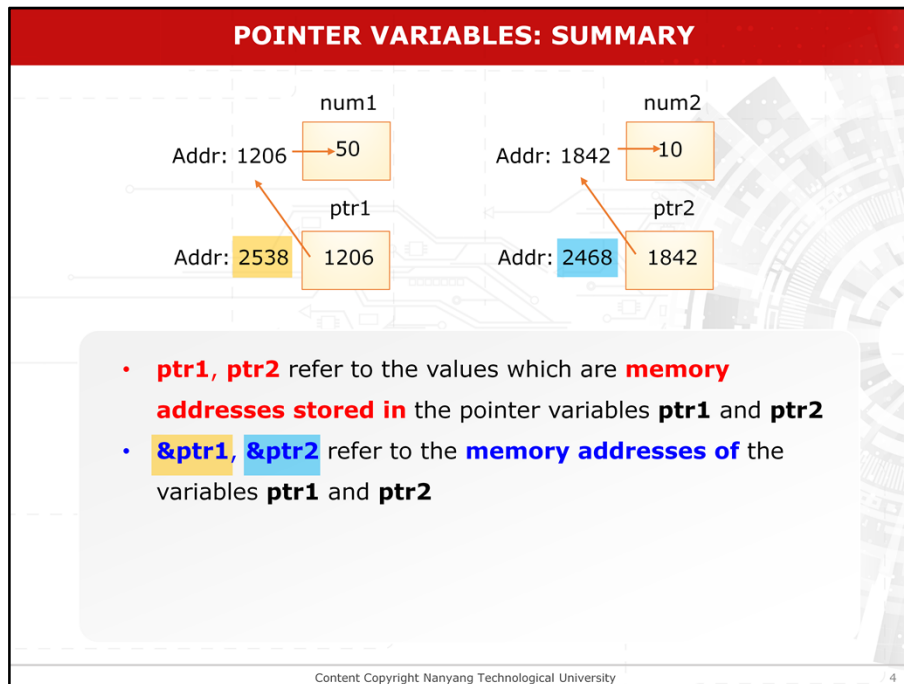
This lesson will summarise the concepts of Pointer Variable and its application.



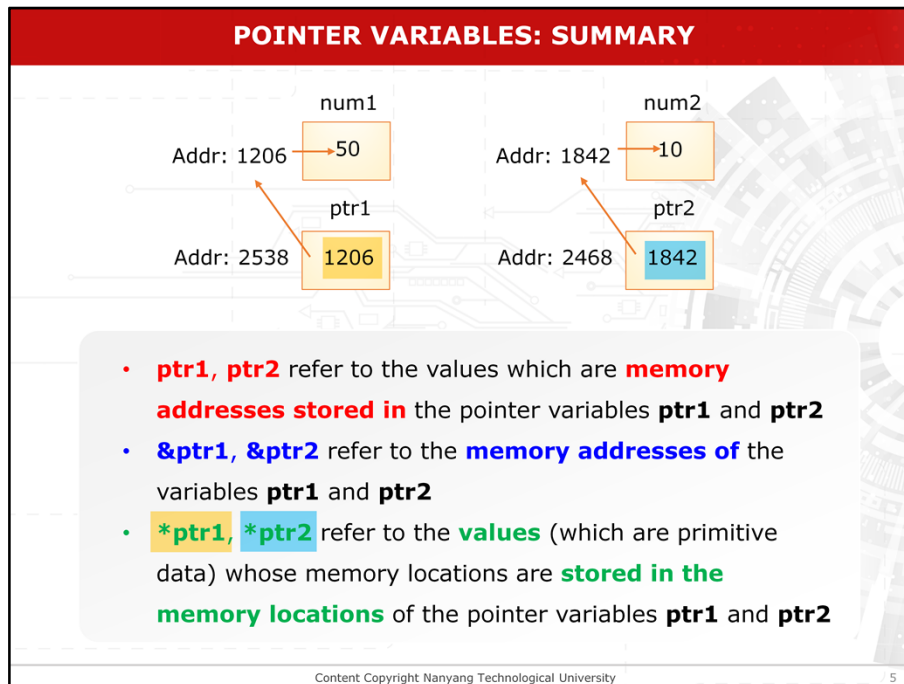
Using an example in the diagrams shown, the concepts of using pointers in the program are summarized as follows:



**Pointer 1** and **pointer 2** refer to the values which are memory addresses stored in the pointer variables **pointer 1** and **pointer 2** respectively



**Ampersand pointer 1**, **ampersand pointer 2** refer to the memory addresses of the variables **pointer 1** and **pointer 2**.



**Asterisk pointer 1** and **asterisk pointer 2** refer to the values (which are primitive data) whose memory locations are stored in the memory locations of the pointer variables **pointer 1** and **pointer 2**.

**SUMMARY**

We have completed the lesson on Pointer Variables and you have learnt to:

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We have completed the lesson on Pointer Variables and you have learnt to:

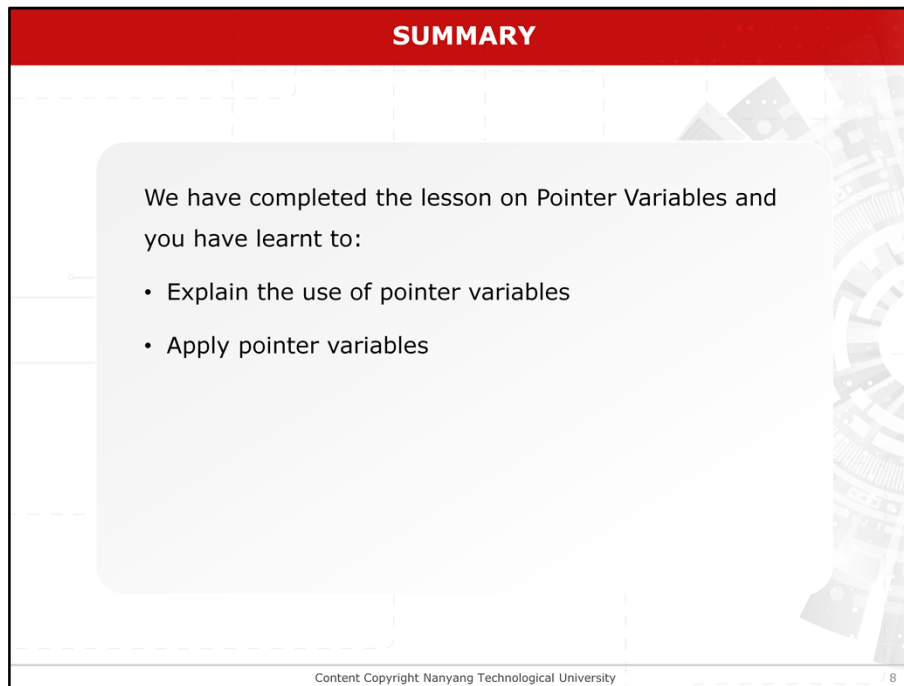
## SUMMARY

We have completed the lesson on Pointer Variables and you have learnt to:

- Explain the use of pointer variables

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Explain the use of pointer variables.

A presentation slide with a red header bar containing the word "SUMMARY" in white. The main content area has a light gray background with a faint grid and a stylized gear-like graphic on the right. A white rounded rectangle contains the text "We have completed the lesson on Pointer Variables and you have learnt to:" followed by a bulleted list. The footer is a thin black bar with white text on the left and a small number "8" on the right.

## SUMMARY

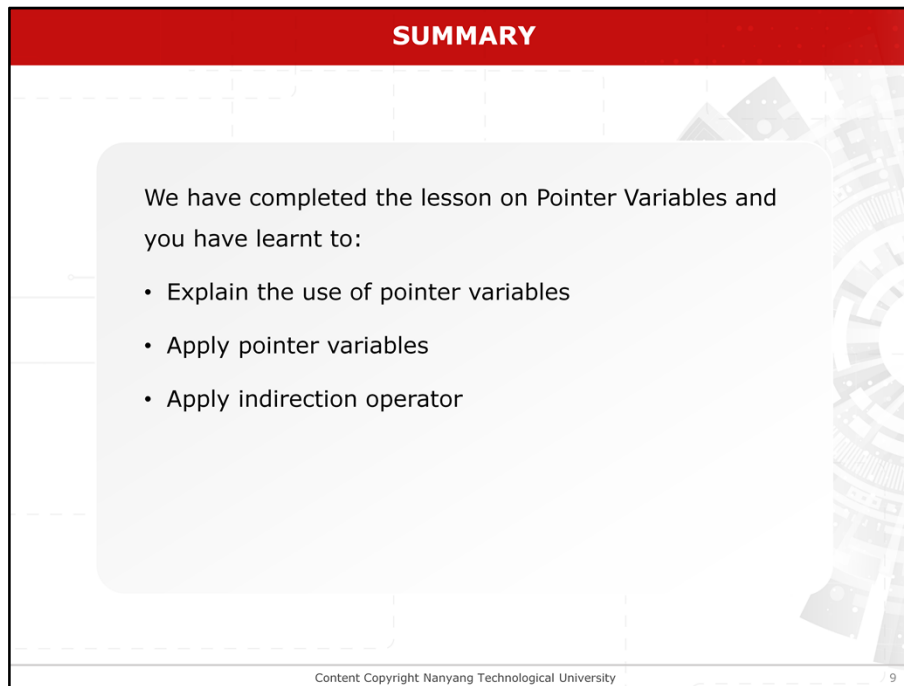
We have completed the lesson on Pointer Variables and you have learnt to:

- Explain the use of pointer variables
- Apply pointer variables

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Apply pointer variable.



The slide features a red header with the word 'SUMMARY' in white. The main content is in a light gray box with a subtle background pattern of dashed lines and a faint image of a building. The text is as follows:

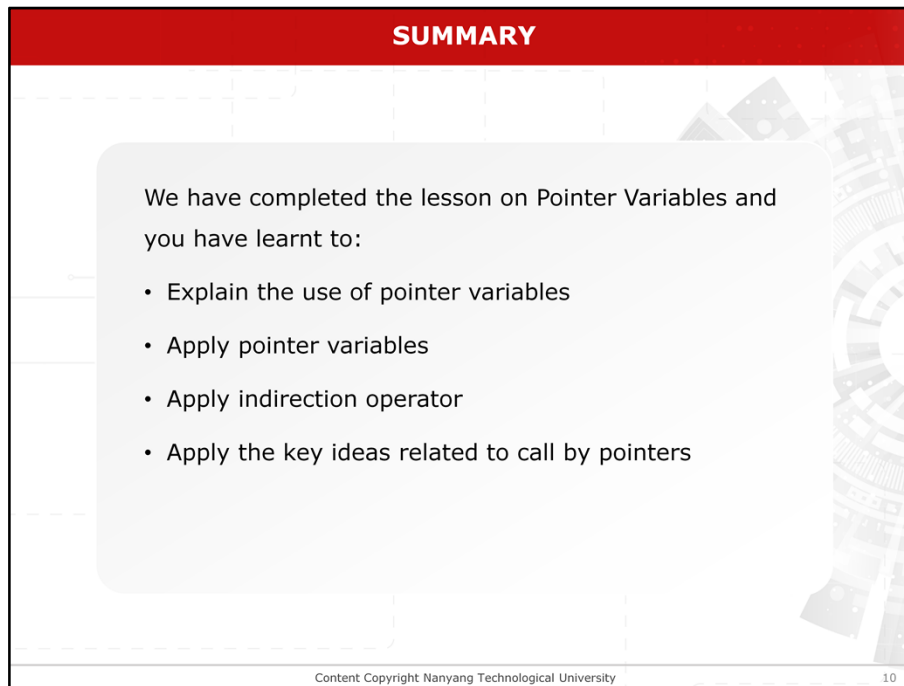
**SUMMARY**

We have completed the lesson on Pointer Variables and you have learnt to:

- Explain the use of pointer variables
- Apply pointer variables
- Apply indirection operator

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Apply indirection operator.

The slide features a red header with the word 'SUMMARY' in white. The main content is in a light gray box with a subtle background pattern of dashed lines and geometric shapes. It contains a paragraph and a bulleted list. The footer is a thin white bar with small text on the left and a page number on the right.

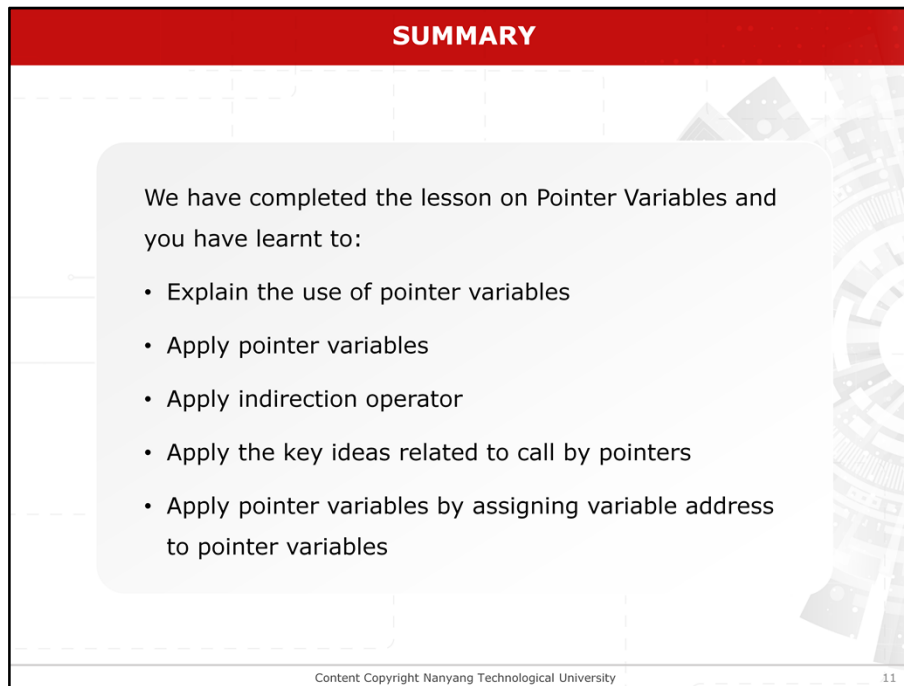
## SUMMARY

We have completed the lesson on Pointer Variables and you have learnt to:

- Explain the use of pointer variables
- Apply pointer variables
- Apply indirection operator
- Apply the key ideas related to call by pointers

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Apply the key ideas related to call by pointers.

The slide features a red header with the word 'SUMMARY' in white. Below the header is a light gray background with a faint, stylized architectural pattern on the right side. A white rounded rectangle in the center contains the text 'We have completed the lesson on Pointer Variables and you have learnt to:' followed by a bulleted list of five items. At the bottom of the slide, there is a thin black line with the text 'Content Copyright Nanyang Technological University' on the left and the number '11' on the right.

## SUMMARY

We have completed the lesson on Pointer Variables and you have learnt to:

- Explain the use of pointer variables
- Apply pointer variables
- Apply indirection operator
- Apply the key ideas related to call by pointers
- Apply pointer variables by assigning variable address to pointer variables

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And apply pointer variables by assigning variable address to pointer variables.