2 A program is being developed to process bank card information.

When a card number is displayed, all the characters **except** the last four are replaced with the asterisk character `'*'`.

Card numbers are stored as strings. The strings are between 10 and 20 characters in length.

The function `Conceal()` will take a string representing a card number and return a modified string.

Example strings:

Original string	Modified string
`"1234567890"`	`"******7890"`
`"1234567897652"`	`"*********7652"`
`"1234567890123456"`	`"************3456"`

(a) The function `Conceal()` will:

- take a numeric string as a parameter representing the card number
- return a string in which the asterisk character replaces all except the last four characters of the card number parameter.

Write pseudocode for the function `Conceal()`.

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(b) The requirements have been changed. `Conceal()` will now be written as a procedure which will process 100 card numbers each time it is called.

The card numbers will be stored in a 2D array `CardNumber`. The original string will be stored in column one and the modified string in column two.

(i) Write pseudocode to declare the array.

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(ii) The new procedure `Conceal()` will write the modified string to the corresponding element in column two.

The array `CardNumber` is passed as a parameter to the new procedure `Conceal()`.

Identify how this parameter should be specified in the new procedure header.

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