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Sig: Answers **Sup:** gift2latex: Example of use **Ant:** gift2latex: Example of use **Err:** Si hallas una errata ...

Exercises

1. Given a *grammar* $G = (\Sigma, V, P, S)$ and a *production* $A \to \alpha$ it holds that $FIRST(\alpha) = \emptyset$ implies A is annullable?

   ○ TRUE ○ FALSE

2. A multidimensional array in C is simulated defining 1 dimensional arrays whose elements are arrays. To compute the relative position of one element $a[i_1, i_2, ..., i_k]$ the following formula is applied:

   ○ $(i_k + D_k(...(i_2 + i_1 * D_2...)) * size + base - (L_k + D_k(...$

   ○ $(i_k + D_k(...(i_3 + (i_2 + i_1 * D_2) * D3)...)) * size + base$

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Sup: gift2latex: Example of use **Ant:** Exercises **Err:** Si hallas una errata ...

Answers

1. Answer to exercise 1:

   Given a *grammar* $G = (\Sigma, V, P, S)$ and a *production* $A \to \alpha$ it holds that $FIRST(\alpha) = \emptyset$ implies A is annullable?

   FALSE

2. Answer to exercise 2:

   A multidimensional array in C is simulated defining 1 dimensional arrays whose elements are arrays. To compute the relative position of one element $a[i_1, i_2, ..., i_k]$ the following formula is applied:

   $(i_k + D_k(...(i_2 + i_1 * D_2...)) * size + base - (L_k + D_k(...L_2 +$

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