

Exercises - Mozilla

File Edit View Go Bookmarks Tools Window Help

file:///home/lhp Search

Home Bookmarks Latest Builds The Mozilla ...

[Next](#) [Up](#) [Previous](#)

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 $A \rightarrow \alpha$ it holds that $FIRST(\alpha) = \emptyset$ implies A is nullable?

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 $a[i_1, i_2, \dots, i_k]$ the following formula is applied:

- $(i_k + D_k(\dots(i_2 + i_1 * D_2\dots))) * size + base - (L_k + D_k(\dots L_2 +$
- $(i_k + D_k(\dots(i_3 + (i_2 + i_1 * D_2) * D_3)\dots)) * size + base$

Done

Taskbar with icons for gv: gift, Mozilla, Mathem, Konso, TeX Doc, El GIMP, and system clock 18:21.

Answers - Mozilla

File Edit View Go Bookmarks Tools Window Help

file:///home Search

Home Bookmarks Latest Builds The Mozilla ...

[Next](#) [Up](#) [Previous](#)

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 $A \rightarrow \alpha$ it holds that $FIRST(\alpha) = \emptyset$ implies A is nullable?

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 $a[i_1, i_2, \dots, i_k]$ the following formula is applied:

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

[Next](#) [Up](#) [Previous](#)

Done

Taskbar with icons for gv: gift, Mozilla, Mathem, Konso, TeX Doc, El GIMP, and system clock 18:21.