

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

Sig: [Answers](#) **Sup:** [gift2latex: Example of use](#) **Ant:** [gift2latex: Example of use](#) **Err:** [Si hallas una errata ...](#)

Exercises

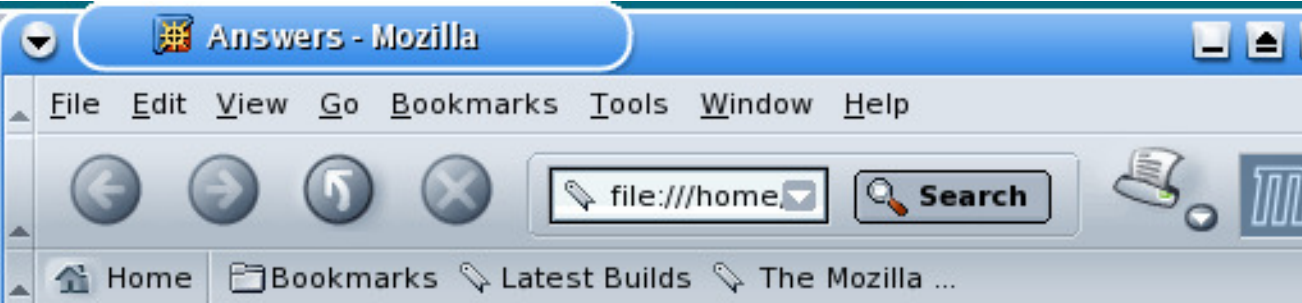
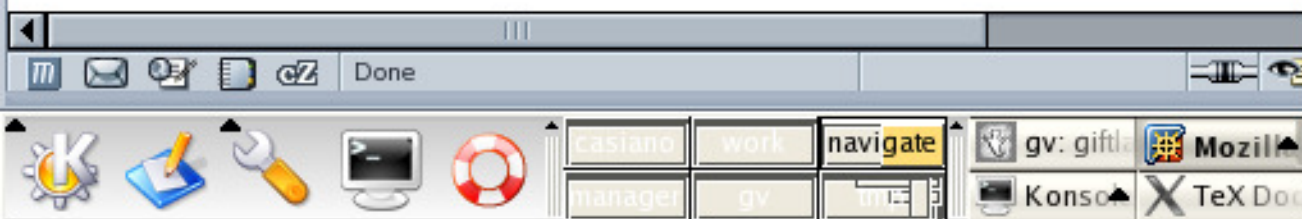
1. Given a *grammar* $G = (\Sigma, V, P, S)$ and a *production* $A \rightarrow \alpha$ it holds that $FIRST(\alpha) = \emptyset$ implies A is annulable?

☐ 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:

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

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



[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 annulable?

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](#)

