CS301  
Programming Assignment #3

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## 1) ADA

Text

Description automatically generated

Text

Description automatically generated

## 1) Pascal

Text

Description automatically generated

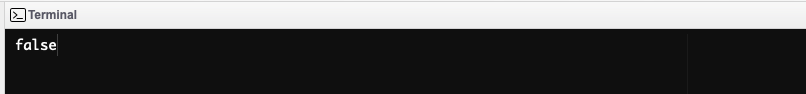
Text

Description automatically generated

## 1) Go

Text

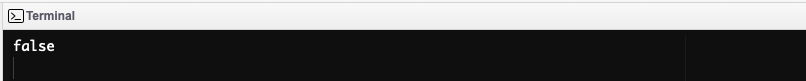
Description automatically generated



## 1) Fortran

Text

Description automatically generated



## 1) VBScriptGraphical user interface, text, application, email Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated

2) The languages Fortran, Pascal and Go used short circuit and did not evaluate the second conditional, which ran the function. Ada and VBScript did not and ran the second function.

3) While in our program, the second conditional was trivial in program execution, this is not always the case. If the second conditional had a significantly costly execution cost, skipping the second conditional could save considerable execution time.