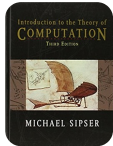Ciências / Ciência da computação / Introduction to the Theory of Computation (3rd Edition)

Exercício 8

Capítulo 2, Página 155

Introduction to the Theory of Computation

ISBN: 9781133187790

Índice

Solução   ✔ Certificado

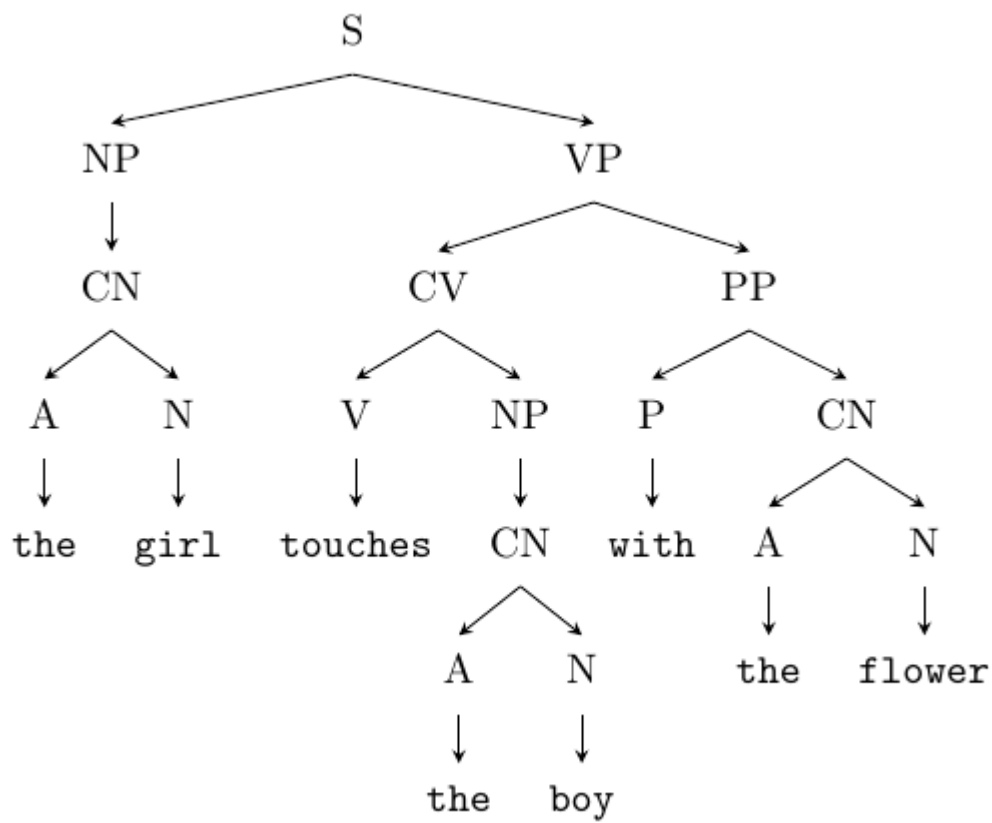**Passo 1**   1 de 5

Here are two different parse trees for sentence
the girl touches the boy with the flower, which stem from two
different leftmost derivations for this sentence. We denote with
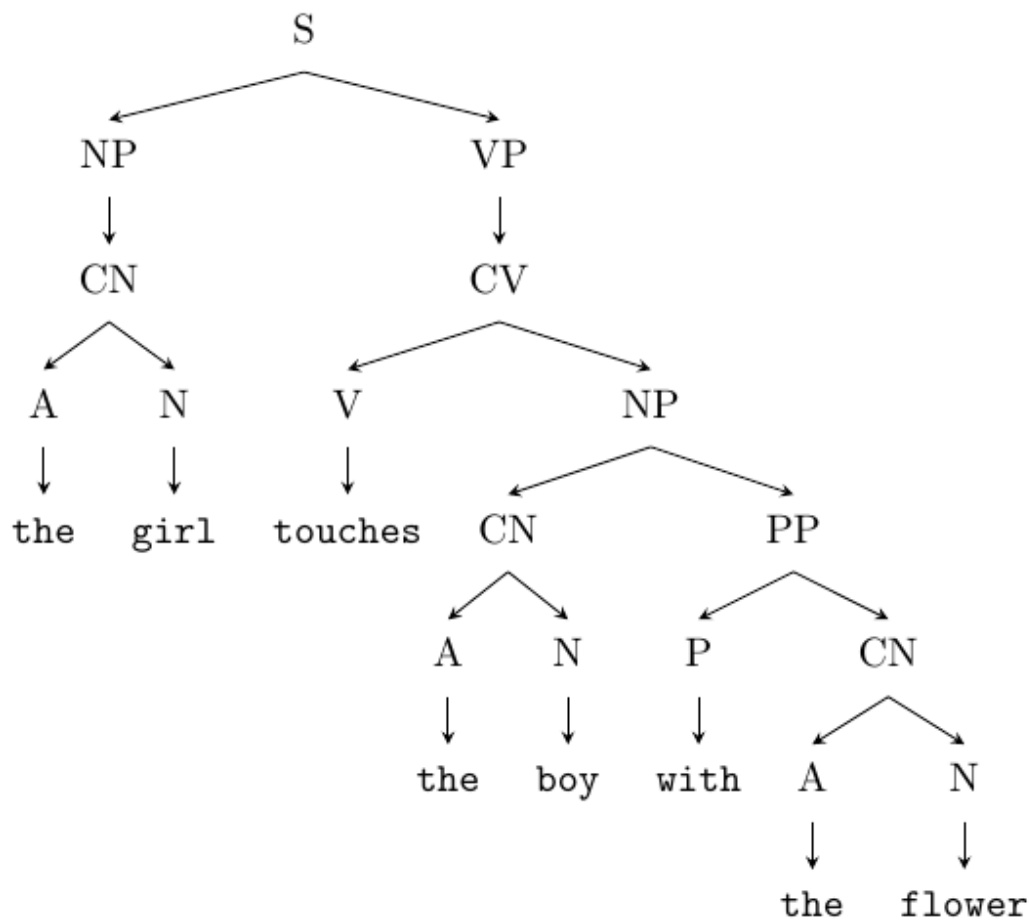$S, P, A, N, V, NP, VP, CN, PP, CV$ the appropriate variables.

Passo 2

Passo 3 <div align="right">3 de 5</div>

Passo 4 <div align="right">4 de 5</div>

Meaning of first sentence is: the girl, using the flower, touches the boy, who on his part may or may not have a flower. Second sentence implies that the boy has a flower, and the girl is touching him, again with or without flower.

Resultado <div align="right">5 de 5</div>

We draw parse trees which represent two different leftmost derivations of given string from grammar.

Avaliar esta solução

☆ ☆ ☆ ☆ ☆

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