Usable characters: A, B, C, D, E
Rules that must always apply:

	Name	Beschreibung
Rule 1	chainResponse(A,C)	If character "A" occurs, it must be
		directly followed by the character
		"C".
Rule 2	succession(A,B)	If the character "A" occurs, it must
		be eventually followed by character
		"B". If the character "B" occurs,
		character "A" must have occured
		sometimes before.
Rule 3	response(D,C)	If the character "D" occurs, it must
		be eventually followed by character
		"C".
Rule 4	precedence (C,B)	If the character "B" occurs,
		character "C" must have occured
		sometimes before.
Rule 5	notCoExistence (A,D)	The characters "A" and "D" may not
		occur simultaneously in the
		character sequence.

Which rules does the character sequence "CBEAC" fulfill? "ACC" is an invalid character sequence. How can "ACC" be continued to a valid character sequence of minimal length? How can the character sequence "CB" be contuinued to a valid character sequence?

Provide all valid character sequences up to and including length 2.

Provide all valid character sequences of length 4 beginning with "DE".

Provide a minimal valid character sequence, which includes the character "D" twice.

Solutions

```
a) chainResponse(A,C), response(D,C), precedence(C,B), notCoExistence(A,D)
a) "ACCB"
b) Genot possible
a) \( \epsilon \), "C", "E", "DC", "CC", "CE", "EC", "EE"
b) "DEDC", "DEEC", "DECC", "DECE"
c) "DDC"
```