

CSE-103

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Subject: Assignment from Book.

Chapter no.:1

Section no.:1

Exercise no.: 19

**19.** For each of these sentences, determine whether an inclusive or, or an exclusive or, is intended. Explain your answer.

a) Coffee or tea comes with dinner.

b) A password must have at least three digits or be at least eight characters long.

c) The prerequisite for the course is a course in number theory or a course in cryptography.

d) You can pay using U.S. dollars or euros.

**Answer:**

**19.**

a) Exclusive or: One can get only one beverage.

b) Inclusive or: Long passwords can have any combination of symbols.

c) Inclusive or: A student with both courses is even more qualified.

d) Either interpretation is possible (Exclusive or / Inclusive or): A traveler might wish to pay with a mixture of the two currencies, or the store may not allow that.