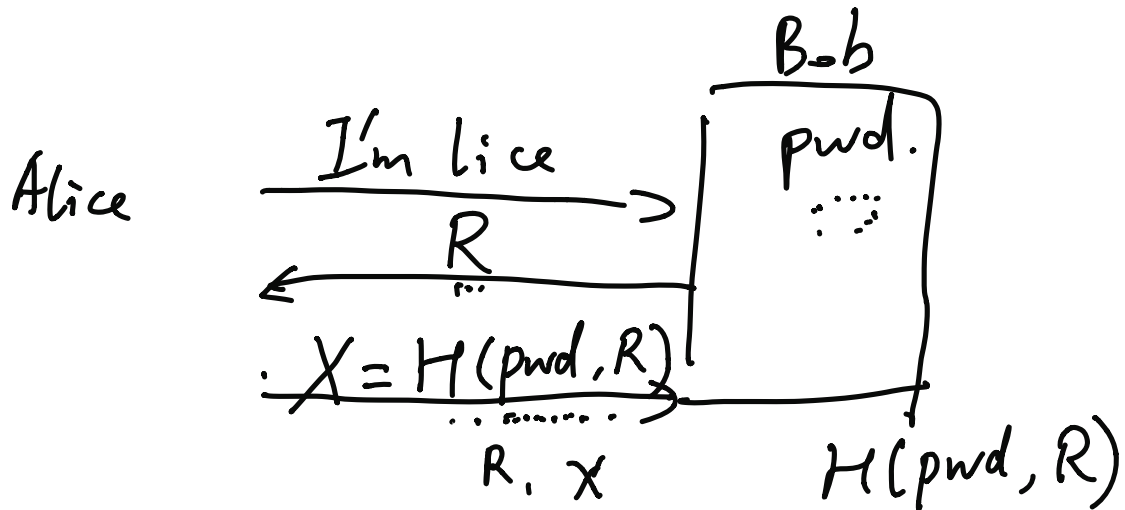


ECE 471 / 571. Password Authentication



- eavesdropping: Secure $\nexists X$
- offline password guessing: not secure.
- server database reading: not secure.

52 upper & lower case letters

10 digits

32 punc. symbols.

94

8 - characters

$94^8 = 6 \text{ quadrillion}$