Lecture	
2.	Formal language: a symbolic reperesentation of
	language
	letters: symbols. e.g. a, b, c, a, 7, t, d, B, J
	alphabet: the set of letters.
	E: the empty word
	Iwl: length of the word. e.g. label=3.,  E =0
	lwtc: number of times cappear in w.
	e.f.   caabbla = 2.
	xy: the sequence of all letters in to followed by all
	letters in y.
	eg. x= xx y=yxy xy=xxyxy.
	x repetition of a for itimes.
	x°= € x1 = x x2 = xx
	guen the word waxyz
	y is the subword of u
	given the word w=xy.
	no subword.
	n is the suffix of w
	y is the prefix of w.
	(xy) R: reversal of the word, (xy) R: x2 y2.