Thompson's Construction

Thompson's Consuruction	
Thompson's Construction is used to construct Nondeterministic Finite Automatas (NFA) from regular expressions	
The NFA will recognise the same language as the regular expression	
For normal (non-special) characters (eg x), the following fragment is pushed to the stack	
The empty regular expression (E) is included too
example of odd (240)	With Thompsons
example ab.cd.l (Postfix) {ab,cd}	· Accept states never Lare arrows coming out of them
476470 500 500 000 00 00 00 00 00 00 00 00 00	· Regular states either Lave 1 or 2 arrows
1-16-1-16 (NB>0-3-2-20-20 = ->0-3-2-20) NF4 stack	
example 2 a a. * { E, aa, aaaa,}	
->6760 ->0->6->6->6->6->6->6->6->6->6->6->6->6->6-	<u>~>(o)</u>