













An Example								
<i>M</i> takes as input a string in the language: $\{a^{i}b^{j}, 0 \le j \le i\},\$								
The input to <i>M</i> will look like this:								
	a	a	a	b				
Ť								
The output shou	d be:							
	a	a	a	o b	b			
					Î			
	<i>M</i> takes as input $\{a^{i}b^{j}, 0 \le j \le i\}$ and adds b's as of a's. The input to <i>M</i> w	<i>M</i> takes as input a strin $\{a^{j}b^{j}, 0 \le j \le i\},\$ and adds b's as require of a's. The input to <i>M</i> will look $\begin{tabular}{ c c c c } \hline & & \\ \hline \hline & & \\ \hline \hline & & \\ \hline & & \\ \hline & & \\ \hline \hline & & \\ \hline \hline \\ \hline & & \\ \hline \hline & & \\ \hline \hline \\ \hline & & \\ \hline \hline \\ \hline \hline & & \\ \hline \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \hline$	AnM takes as input a string in the $\{a^ib^j, 0 \le j \le i\},$ and adds b's as required to more of a's.The input to M will look like the $f$ Image: the input should be:Image: the	An Exa <i>M</i> takes as input a string in the lang $\{a^ib^j, 0 \le j \le i\},$ and adds b's as required to make the of a's.    The input to <i>M</i> will look like this:	An Examp    M takes as input a string in the language: $\{a^{i}b^{j}, 0 \le j \le i\},$ and adds b's as required to make the num of a's.    The input to M will look like this:	An Example <i>M</i> takes as input a string in the language: $\{a^{i}b^{j}, 0 \le j \le i\},$ and adds b's as required to make the number of of a's.    The input to <i>M</i> will look like this:	An Example $M$ takes as input a string in the language: $\{a^ib^j, 0 \le j \le i\},$ and adds b's as required to make the number of b's equivalent of a's.    The input to $M$ will look like this:	An Example    M takes as input a string in the language:    {a <sup>i</sup> b <sup>j</sup> , 0 ≤ j ≤ i},    and adds b's as required to make the number of b's equal the of a's.    The input to M will look like this:       a  a    b     i







1	Formalizing the Operation								
1. 4 4 6 C	A configuration of a Turing machine								
200	$M = (K, \Sigma, \Gamma, s, H)$ is an element of:								
	Κ×	$((\Gamma - \{\Box\}) \ \Gamma^*) \cup \{\epsilon\}$	× Г×	$(\Gamma^* (\Gamma - \{\Box\})) \cup \{\epsilon\}$					
	state	up to current square	current square	after current square					











