HW 8

For each of the following languages, draw a Turing Machine that accepts the language.

1. The language denoted by the regular expression $\{aab\}^*\{a, aba\}^*$

2. $L_1 = \{a^n b^n | n \geq 0\}$

3. $L_2 = \{a^i b^j | i < j\}$

4. $L_3 = \{xx | x \in \{a, b\}^*\}$