1.- (00|11)^+
L(R) = {00,11,0011,1100,0000,1111,....}

2.- 1(00|11)^* 1
L(R) = {11,1001,111,100001,1111,10011,...}

3.- 1(0|1)0
L(R) = {100,110}

4.- a^+ b^+ a^+
L(R) = {aba, aabbaa, aaba, abaa, aaaaaabbbbbbaaaaa,...}

5.- (ab^2 | b^2a)^+
L(R) = {abb, bba, abbbba,…}

6.- a^+ | b^+
L(R) = {a,b,aaa,bbb,aaabbb,…}

7.- a^+ b^+ | b^+ a^+
L(R) = {ab,ba,aabb,bbaa,aaabbb,…}

8.- a^+b|b^+a
L(R) = {ab,ba,aaab,bbba,aab,bba,abba,...}

9.- (ab)^+
L(R) = {ab,abab,abababababab,…}

10.- (0|1)^3
L(R) = {000,111,000111,000111000,…}

11.-(0|1)^+
{0,1,00,11,0011,0010,…}