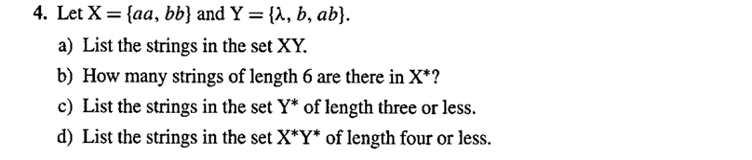
**Actividad 3.1 - Practicando los Lenguajes Regulares**

****

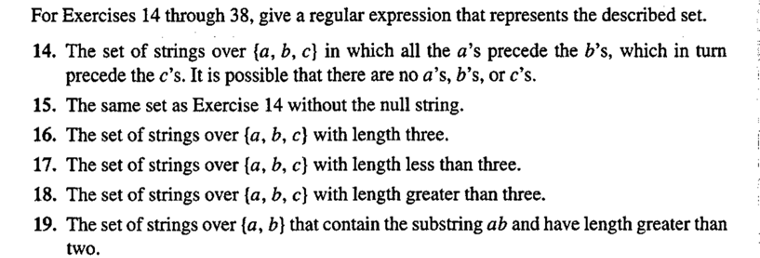
1. xy = {aa, aa, aab, aaab, bb, bb, bbb, bbab, , b, ab}
2. 8 strings

x\*= {aaaaaa, aaaabb, aabbaa, aabbbb, bbaaaa, bbaabb, bbbbaa, bbbbbb}

1. y\*= {, b, ab, , bb, b, b, bb, bb, bb,ab, ab, bab, abb, bbb, }
2. x\*= {aa, bb, aaaa, bbbb, aabb, bbaa}

y\*= {, b, ab, , bb, b, b, bb, bb, bb,ab, ab, bab, abb, bbb, ,, bbbb, abab, bbb, bb, bb, b, bb,b, b,bbab,babb, abbb, ab, ab, ab, bbb, bbb, bb,bbb,bb,bb,b }

x\*y\* = { aa, aa, aab, baa, aa, aa }

****

**14.** Respuesta = (a\*b\*c\*)

**15.** Respuesta = (aa\*b\*c\*)+( a\*bb\*c\* )+( a\*b\*cc\*)

**16.** Respuesta = (a+b+c)(a+b+c)(a+b+c)

**17.** Respuesta = (a+b+c)(a+b+c) + (a+b+c)

**18.** Respuesta = (a+b+c)(a+b+c)(a+b+c)(a+b+c)(a+b+c)\*

**19.** Respuesta = ((a+b)\*(a+b)ab(a+b)\*) + ((a+b)\*ab(a+b)(a+b)\*)