Rajat Sethi – Testlet 1 – CPSC 3500

1a.) BABA and BBBA

1b.) BBBB and AAAA

1c.) The FA accepts all possible strings with alphabet {a, b} where the last two characters are not be the same (This FA also accepts all strings with length <= 1).

2.) Background pattern

Description automatically generated

3.) x(x+z)\*y(x+z)\* + y(x+y+z)\*z + z((x+y+z)(x+y+z))\*