Exercises

1. **Given** P:Plaintext;

   C: Ciphertext;

   E: encryption: C = E(P)

   D: decryption: P = D(C)

   C = E(KE, P)

   P = D(KD, E(KE, P))

a. Using Julious Caesar (shift of 4), Ci=E(pi)=(pi+4)mod26, decrypt : hs rsx aewxi csyv xmqi tsyrhmrk wxsriw

b. Use Columnar Transposition, with key :12345, decrypt: wemdc mus lede tfonttme piordihontarcreenideinae rgsu

c. Alphabetical substitution :a…z > z….a; decrypt: dv ziv sviv uli fh zmw rmgvivhg