Practical 3: Write a program to implement affine cipher and also perform frequency analysis for cipher text encrypted. Also perform cryptanalysis for the same as explained in the theory class.

Practical 4: Write a program to implement affine cipher also perform frequency analysis for cipher text encrypted. Also perform cryptanalysis for the same as explained in the theory class.
Note: Check whether a, b in $y = e(x) = (ax + b)\ mod\ 26$ are compatible or not.

Practical 5: Write Program to implement Polybius / Polygram Cryptosystem explained in theory class.

Practical 6: Write Program to implement Playfair cipher.

Practical 7: Write Program to implement Hill cipher.

Practical 8: Write Program to implement Rail fence cipher.

Practical 9: Write Program to implement Vigenère cipher.

Practical 10: Write Program to implement Autokey cipher.

Practical 11: Write Program to compute Index of Coincidence using friedman's test.

Practical 12: Write Program to perform cryptanalysis of Vigenère cipher using kasiski mathod.