Polynomials over F: F[X] = For.

15 a Vector Space endowed with commutative multiplication.

no inverses so F[X] not a field

F(X) is a commitative a yelom

deg: F(X)\103 → NU103 (or deg 0 = -10)

deg (P+Q) = max { deg P, lega}

leg (PO) = deg P + deg Q

PIRFO = PQ = O. (Ring w/o zero divisors)