5) Double DES for Bruk force & Meet in the middle 1) Bruke force > Uses DES twice Security = 2x 256 = [257] combination of key's to be security Ora < 1013) 64 bir Platt text P > ECKI, PJ ST bib DES cipher E(K2; E(K1,P)) = Cipher (Eu bit middle text) temporary ciphertext oro Ke) DES apher cipher text (2) Meet in the middle. This attack involves encryption from lend & decryption from other end and " matching the results in middle" & hence the name Decrypt (K2, C) = Encrypt (K1, P) o (k, k2) is key pair used (i) encrypt "P" for all 256 possible values of ki & Store resultin table & sort it (ii) Now decrypt "?" using all 256 possible values of k2. As a report, decryption, check against table for moth, citis when there is moteh we pair the key & try for cell possible pair of keys VISION