Parchal Mode

The implement vignore appear substitution Technique.



Date : Practical Moil Aim: To implement Vignere cipher Substitution Techniques. yigenore cipher is a method of encrypting alphabetic tox. I was a simple form of polyalphabetic substitution. A polyalphabetic cipher in any appear board on substitution using mutipe substitution alphabets. The encuption of the extiginal test is done using the vigenere square as rgenère table. The table consist of the alphabets withen out is times In different rows, euch alphabet shifted eyellally to the left compared to the previous alphabet, corresponding to the 26 possible caesar cipies, At different points in the encryption process, the appear uses a different alphabet from one of the now. The alphabet wed at each point depends on a teprating tequesids. The steps involved are as follows: (1) wate the plundent. 13 Up the printest and the key letter to select a sow and a solumn in the vigenore table 3) The first letter of the plantest is the first now and the key is the first column. For example , if the plaintent as tratelliterest and the key in R. then the first town will be the one their steads with I and the column will be the one that sauts with R. The first letter of ciphordest will be the letter where the first now and advisor interest . In the last of over exumps that will be the letter ?. (3) you, this process is continued till the entire plaintext is turned into a cipresters. For IMTELLIPRAT, that go nowill be . TATXTWOXING



Date : Example: sample Input and output: daintext Key ciphedext continon: The concept of vignore's eights implemented successfully. Viva Question: O what is vigner's apret ?

D vignere appear as a method of encoupting alphabetic text. It was a simple form of polyalphabatic substitution. The encryption of the original text in danc using the vigonite square or vigenere table. (3) what is adventages of vigner's explicit ? -> 1 It is more complex than the coexist cipier. 3 Th enough a message more securely than the appart appear @ It has large key sparse and it in largery untitated uncrackage without knowledge of method. 3 what is disadvantages of vigner's eigher? -> @ nodern camps analysis techniques such as boute-force and other an efficiently break the vigerese Cipher given enough ciphertoxt and conquicitional punce. 3) key length and key repeating passishin. 3) It buts the sophisticated security feature found in moder czyptographic algorithm.