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| **TERMWORK 1**  Enter a message : I am studying Data Encryption  Enter key: 4  Please choose following options:  1 = Encrypt the string.  2 = Decrypt the string.  1  Encrypted message: M eq wxyhcmrk Hexe Irgvctxmsr  Enter a message : M eq wxyhcmrk Hexe Irgvctxmsr  Enter key: 4  Please choose following options:  1 = Encrypt the string.  2 = Decrypt the string.  2  Decrypted message: I am studying Data Encryption  **TERMWORK2**  Enter the value of P & Q  7 11  1 7 11 13 17 19 23 29 31 37 41 43 47 49 53 59 61 67 71 73  Choose e  7  Enter the message (integer value) to be encrypted:  9  Before encryption:9  After encryption:37  The possible Decryption Keys Are: 43  Choose D  43  After decryption=9  **TERMWORK3**  Enter password : aw1  Invalid Password  Enter password :adckex  Weak Password  Enter password : abc123  Moderate Password  Enter password : abc2#@  Strong Password | **TERMWORK 4**  Encryption  Input : attack at once  Key = 2  Output :atc toctaka ne  **TERMWORK 5**  Enter the prime number and prime root : 23 9  Enter the private key of A : 4  Enter the private key of B : 3  A computes key K : 9  B computes key K : 9  **TERMWORK 6**  Enter the plaintext :ACT  Enter the key :GYBNQKURP  POH  **TERMWORK 7**  Enter 10 bits input:1100011100  Your p10 key is :6,7,8,9,10,1,2,3,4,5,  Bits after p10 :1110011000  Output after LS-1 :1100110001  Your p8 key is :6,7,8,9,1,2,3,4,  Your key k1 is :10001100  **TERMWORK 8**  Enter a string  getupearly  Entered string is : GETUPEARLY  Enter a key  monday  Vigenere Cipher text is  SSGXPCMFYB |