Encrypt the following plaint texts using D-DES . Show all the steps.

* Plaintext: 11010101; Key: 0111010001; Ciphertext: 01110011 (Rawan)
* Plaintext: 01001100; Key: 1111111111; Ciphertext: 00100010 (Sara)
* Plaintext: 00000000; Key: 0000000000; Ciphertext: 11110000 (Ola )
* Plaintext: 11111111; Key: 1111111111; Ciphertext: 00001111 (Wejdan)