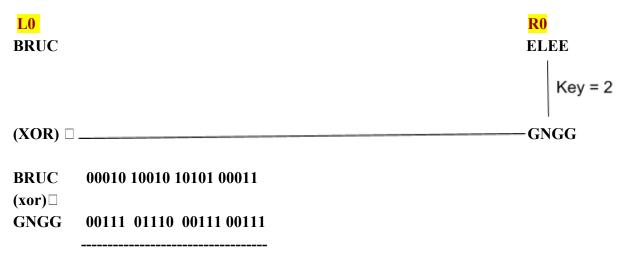
Tronbiniemy onang

O.

Please use Feistel cipher to manually encrypt and decrypt the plaintext BRUCELEE.

ENCRYPTION



 $00101 \ 11100 \ 10010 \ 00100 \Rightarrow 5 \ 28 \ 18 \ 4$

Dec Hx Oct Char 0 0 000 NUL (null) 1 1 001 SOH (start of heading) 2 2 002 STX (start of text) 3 3 003 ETX (end of text) 4 4 004 EOT (end of transmission) 5 5 005 ENQ (enquiry) 6 006 ACK (acknowledge) 7 7 007 BEL (bell) 8 8 010 BS (backspace) 9 9 011 TAB (horizontal tab) 10 A 012 LF (NL line feed, new line) 11 B 013 VT (vertical tab) 12 C 014 FF (NP form feed, new page) 13 D 015 CR (carriage return) 14 E 016 SO (shift out) 15 F 017 SI (shift in) 16 10 020 DLE (data link escape) 17 11 021 NC1 (device control 1) 18 12 022 DC2 (device control 2) 19 13 UZ3 DU3 (device control 3) 20 14 024 DC4 (device control 4) 21 15 025 NAK (negative acknowledge) 22 16 026 SYN (synchronous idle) 23 17 027 ETB (end of trans. block) 24 18 030 CAN (cancel) 25 19 031 EM (end of medium) 26 1A 032 SUB (substitute) 27 1B 033 ESC (escane) 28 1C 034 FS (file separator) 29 ID U35 GS (group separator) 30 1E 036 RS (record separator) 31 1F 037 US (unit separator)

⇒ ENQ FS DC2 EOT

ASCII Table

