

1. Open file to find the binary value 10100, convert this to decimal

Enter binary number

10100 2

= Convert × Reset ↺ Swap

Decimal number

20 10

2. It is stated the value has been halved during transmission, so the actual value is 10100 (40).
3. Recognise that the message is in ASCII characters, that do not simply convert to text. Since a shift value has been given, recognize that this is an ascii shift cipher.

<https://www.dcode.fr/ascii-shift-cipher>

4. Decrypt using 40 as the shift value

Search for a tool

★ SEARCH A TOOL ON DCODE BY KEYWORDS:
e.g. type 'sudoku' ↵

★ BROWSE THE FULL DCODE TOOLS' LIST

Results

AHOY{I_!ke_c@nn0ns}

ASCII Shift Cipher - dCode

Tag(s) : Substitution Cipher

ASCII SHIFT CIPHER

Cryptography › Substitution Cipher › ASCII Shift Cipher

ASCII SHIFT DECODER

★ ASCII SHIFTED CIPHERTEXT

Decimal ASCII [0-127] (Automatic Detection)

105 112 119 1 35 113 7 20 73 19 13 7 11 104 22 22 88 22 27 37

☐ TRY ALL POSSIBLE SHIFTS (FROM 1 TO 127) (?)

☒ USE A SHIFT OF 40