NUMBER SYSTEM CONVERTER (Made by RC)

**##** **Example 1**

-> Enter number to convert: AFC89CB0DFCF

-> From base: 16

-> To base: 7

STEP 1: base 16 -> base 10 : 193276157157327

STEP 2: base 10 -> base 7 : 55465512231206046

RESULT: AFC89CB0DFCF (base 16) = 55465512231206046 (base 7)

**##** **Example 2**

-> Enter number to convert: 2918138263826382

-> From base: 10

-> To base: 2

STEP 1: base 10 -> base 2 : 10100111101110111111001110

RESULT: 2918138263826382 (base 10) = 10100111101110111111001110 (base 2)

**##** **Example 3**

-> Enter number to convert: 10110111010101111011111

-> From base: 2

-> To base: 10

STEP 1: base 2 -> base 10 : 6007775

RESULT: 10110111010101111011111 (base 2) = 6007775 (base 10)

**##** **Example 4**

-> Enter number to convert: ZVBGFA09372ZVNXRXZ

-> From base: 36

-> To base: 9

STEP 1: base 36 -> base 10 : -2627776152537788745

STEP 2: base 10 -> base 9 : 18450841183167548610

RESULT: ZVBGFA09372ZVNXRXZ (base 36) = 18450841183167548610 (base 9)

**##** **Example 5** (Error Handling)

-> Enter number to convert: 1092736273598

-> From base: 7

ERROR: Code: 81, Msg: Invalid char representation 8 for base 7

FATAL ERROR: char representation is invalid. Make sure it is < base and one of 0123456789ABCDEFGHIJKLMNOPQRSTUVWXYZ