## Output

Enter the data bits: 1001001000100100

Enter the key (divisor): 1101

Encoded Data: 100100100010010111

Decoding the encoded data... Remainder after decoding: 000

No error detected in received data

=== Code Execution Successful ===

```
FIPERIMENT - 13
 wonte a perogram for ever detecting vode using 
CRC-CC 177 (16-kils)
  del vor (a,b): 2000 - 1012000000) votos - concept
        andlesult - I Traves boson - responsessiones
           for i in slange (1, len(b)); men
   else: Hesute append ('o')
                     sillet append (1)
 settiem !! Join (susult)
  del mode dis (dissident) :
  puck = len (durison)

temp = dividend (o; pick)

ushel puch < len (dividend):

temp [0] = 1;
                        + (quet reviews) row = quit
                     timp = xer ('o' * piek tmp) >
                  pick += 1000
                M tomp To] == 1':

Long = nor (divisor (mp)
                     emp = nor ('ox pick timp)
                  ant = browners
                  prefusion checkuperd
     del emode (data, key):
                   1- Rup = len (Ruy)
                    appended data = data+'o'+(l-key-1)
                 sumamolon = mod 2 div (greneled-dotor ky
```

(Adensoral = dates + sumainales)

pound ("Remainder: ", sumainder)

pound ("Enroded Data < Data + sumainder)

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prinsole in betated raises on thrush

asusasse ne hotaltaby raresed ) trived

data - "10010001000100" - petab

(my stab. bebasms) elsouns = sotab\_babases

0 07P 07:

= ( rebriumme + atob) sotab\_bassuns 11 = 010010001001

co = priebesse retto reboniames