melite prek < len (dinident):. Ef temp [0] == 11: temps. = xor (denisor, temp) + denislant [pick]. temp = x00 (0 + p4ck, temp) + almidunt [prul] p9 ch += 1;

ef top [0] == 11' trip = XOY (director, trip). else -

CRC - He both

for l'an mange (1, len (6))):

ef a[e]==b[i]:

Tehan ". join (result)

Prock = len (divisor)

result: appeired ('b')

emport socket:

def xor (a, b):

result - []

trup = xor('0'. \* prck, tmp)

cheeking val = Emp. rehim chelletalord.

```
det encode Daha (daha, key):
                               TO A STATE OF THE SECOND
   l-ky = len (kcy).
    appendad- daha = daha + 101 *(ky -1)
    remainder = mod 2 div (appended - data, key)
     code word = deaha + remaindes.
   S = socket, socket ().
                       Chall out of sox & date
    port = 12345.
    8. connect ((127.0.0.1', port)).
                                       · che · Cal hat to
    Enput soring = rans-Enput (a Enter diala you mant ro.
     Send = (i. join (format (ord (x); b)) for x qu quput some
      key = "1001"
      ane = comode Dava (daha, ky).
                               del desolo. Desa (dora, 164
      point (ans).
                                     1. rey - lev (14)
       S. Scrud all (ans).
                              arpeng-plata = geops 10
       print: 8.9eer (1024).
                      Johnson of a stally (appraise day
       s. close ()
                        Revener side
                                        () Lewis 2. Lewis 2.
     Emport socket.
                                      MIND ("KNOKIN & VILER!
     def Exor (a, b):
                                              मार्ड १८३५५
                          astores o
        result = [].
                                       (() (1) (() () () () () () () ()
        for t'en rawage (1, len(b)):
                                          WINDS ) WITE
           rf 0[9] == b[1];
                                           (2) vol. 801.2
              scrut append (0).
            che
result. append ('1')
                                        en Dhash Lans
        rehom " . Jorn. (result)
```

```
det mals dir (denedent, denezor).
     tmp=denialent[p:prox]
    prok = leu (denisor).
    mbale prok ( len Calinidant):
      ef Emp[0] == 11';
        tmp = xor (den tor, tmp) t dividud [preli]
        top = xox (°0'. +pick, top) + devedut [pick].
      P? Ck +=1
                  (Tropy 1.00 tell ) to a view
 ef tmp[0] =="1".
                          14 mor - 900 1.62 - ENGE
 else:
                                  V ( or a bound )
                            De wort. i) - was
    trup = 20x (10 /*prck, trup).
                                 alub Little
 checkboord = trp.
                             ME ! - 1001
rehum enekword.
                            BNI. Even to 100
 det decode - Daha (dava, key):.
                              (amo) Evist
                             ( our of old (ours)
    1-key = len (key).
                              1238.3: INTE
    append-doba = doba + 0' * (1-key-1)
    remainder = mod 2 der (append-daha, key).
   rehon remaindo.
& = 80 chet, so chet()
                                 John Frogen
print ("Soucket enccessfully created").
                                Port= $ 12345.
                                17 - Hurst
Sobend ((1, port))
                       ilita Ina 11
s. lessten (5).
 Print ("socket is listerlager)
```

BULLIA TEANT c, addr - s. accept() print (Got connection from, add) daha = C. recv (1024) print (baha) if not dana; break. ley = 11004 anns = devode Data (daha, key) pront (" Pernander & all zeros they no error occured) after devoding is > "tans) temp = "0" \* ((len(ky)-1) If ans == Eemp; C. Sendall ("Thank you data > "+data + " Revened No error found "). else C. sendall ("Error &n daha").

Coclose ()

Plakel