Write a program for error detecting code using CRC-CCITT (16-bits)

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WAP for come declaring wide is sing
 Chan MESOJ, 8ESOJ, 8ESOJ, 9ESOJ, temp ESOJ;
 void caltranslint);
 void cac cinto;
                                   2100001
 void calsamedinos plastibei
 void shift();
 int main ()
  int n, 1201
  char ch, fly =0;
  Print ("Enter une france biks: ).
  while (cch = get c (stdind) != 'In')
  m litta=chi
  n = i;
  for (i=0) i<16; i++)
  m En ++3 = 6;
  m End= 10';
  Port FC" Message ables appending 16 3esos: 7.8: m)
 fcer (i=0; i<=16; i+t)
 9 E i ] = '0'.
9E0J=9EuJ-9E1J='1'; 9E17J='10')
(x(1n). generator: 1. 8',9);
Printf ("Inn quotiens: "/s", 2);
Point ("in transmitted focume: 1.8" m)
Printf ("Enter trochemitted frame 1013)
Scan f ("In 1.5", m);
```

Printe (" CRC checking (n'); I make Pernet C" in m last semander: 15", 8); C++1 : 61 > 1 : 0 - 1) roa (+CRE:31'=10,2: C/ cg = 12 else Contine; it (flag = = 0 Point ('Exaces during transmission'); else Point (" Inin Recounced frame is correct"); 814/gu-1319(Ei) > (8) - (13) - (1) Void coccint no ici, 1341; 3 for cito; ie no itt tempeid=meid; (+) (d)=>) (+) for (i=0; i < 16; i+t) SEIZ-MEIJ; for (i= 0 ; izn-16; i++) (n mi) mod / 10) { if (2 [0] = = 11) 2 9E17=11; (alsomes; (++: (N)); d)-1007) (0) 2 9 E 17 = '0' (814- [i] M(Arris) = 6 3 Shittle)

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かららる=からはサイゴ;
                                        OK
    POSC 5 = 0; 5 Z = 17 5 1+1) 01 01 00 00 00
                                        Er
    contid: 8[j];
    gen-167=110";
 void calsame)
 For (121; 12216; 1+ +) 1000 51 0/01/1) 7 1/159
  8Ei-17= (cint) Comp[i] -48)^ (cint) g [i]-40/4
 voich shiftle)
 inti;
 foscia; iczlo; ith; bismobig wad
 3 E1-13 = 8 E1 ); (++) (0=1) (=1)
for (i = n - 16; i < n; i++)
m Eij= (cina) m Eij-M8 J A (cint) ock+D-M)#
m[:]=110';
```

OPF DUNG TO BOTH TO MAKE Enlar toane bits: 1011 message after aftending to zeros 1011000 000 0000000000 genereueur: 1000100000100001 quotient: 1011 transmitted frame: 10111011000101101011 enus transmitted barne: 10111011000101101016 last semander: 000000000000000 Reversed trane is worrect. Wite the paint substitution of the court of is the constant of the size and on the rain! (2) 32) (Swel , 2004) "Wester of us on by barrood") I thisk (Carolo - 9818 - Hond) - 6 invovo) What do was 62 and residual posterior of the 18 of the 1

Output:

Enter the frame bits:1001

Generator polynomial:10001000000100001

Transmitted frame: 100100000000000000000

Enter the received frame: 10010000000000000000

CRC Checking...

Last remainder: 1001000100101001

Error during transmission