CN-Lab CRC-CCITT (166iHs)

Code:

import java util . # ;

Public class CCITT {

public static int n;

public static void main (string () args) {

Scanner s = new Scanner (System.in);

S obj - NEW CCITT();

String code, copy, rec, zero: 0000000000;

System. Out printing "Enter code :);

code = 5. nextline ();

n = cade · (ength())

copy= code .

cale += zero;

code: Ob. divide ((od!);

Systemprist ("Message: "+ copy);

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copy: copy substring (0, n)+code substring (n);
 print ( "CRC = ");
 print (code.substring(n));
 print (" Frame = " + copy);
 print ( "Received date = ");
 rec = s.nextline();
  if (zero.covals(Orj.divide(sec).surstnbs(n)))s
 print ( "correct bits received");
 erse
   print (" Received grame contais lor more error)
  s.close()
public String divide (string s) s
      int inj,
    Char x;
    String div = " 1000100000010001"
  for((i.o; i<n; i++) }
        x = s. cherAt(i);
```

for (j=0) $j \times 17$, j + t + t = 18 if(x=-1)?

if $(s \cdot cherAt(i+j)! = dv \cdot cherAt(j))$ $s=s \cdot substring(o, i+j) + "l" + substring(i+j+i);$ else $s=s \cdot substring(o, i+j) + "o" + s \cdot substring(i+j+i);$ setuin s;