```
Revauth-NM
Evor detection code using CRC-CCITT Revaulti-NM (16-bits) 1BM18CSOBI.
 import java. util . *:
                                    - me pridis
 public class CRC
                                  i arein in
    public static void main (String[] args)
       Scanner in = new Scanner (System-tu);
        CRC. 06 = now CRC (1):
       System. out-plantln ("Enter mensage");
       code = ea. nextine ()
        n = code. Length Withdows
        Copy = codi;
          Code + = zero:
           code = ob. divide (Code);
           System. out. println ("Meisage = "+ copy);
          copy = copy. substing (o,n) + code. sub string (n);
          System. out. pientm ("CRC = "):
           System. out. puntln (code. substrang (n));
           System. out. printer ("transmitted frame is "+ copy);
           Bystem. out. println ("Enter received data");
         sec = in nextline():
         ij (zero.equals (ob.divide (rec). substing (n)))
             System. out. printh ("Correct bits recivied");
       System. out. Printlin l'Reviewed panne contains
one or more evers ");
        in. close ();
```

Rublic String divide (String 8) int 1, ;; chai x; String div="1000100000001i for (i=0;i<n;i++) x=S. charAtci); far(j=0;j<17;i++) y (x = = '1') } y (s.charAt(?+;)!=div-charAt(;)) S = S. Substing (0, 1+ j) + "1" + S. Substing (1+j+1) clse S= 5. substring (0, i+j)+"0"+ S. substring (i+j+1) efet it is bit win . It is well (Pretuin &: Well) along he man (a) missourisber + (n. a) printerint = [P) = [II] Systems. printly ("Les = "): : ((a) printedus who) altering. 20. rasty ? Sylven ent. printer ("transmitted francis de motor) The property and the property of Lawrent Day 195 - Jes ((m) pure dute - (2N) the wish out I long it was). - (we wast did Lodge) ") allwilly " to mily" Construct sent and the first Revault. NM