```
S.R. YUNEETH
                         CN LAB-8
                                                      18×18<5087
WAT for enrer detecting coole using CRC-CCITTCIB bills
import jaoa. and util. k;
 public celass so Cre
   Jublic static out n
   public static word main (String [] args)
    Scarner in = new Scarner (system. in);
    Cre of = new Crec);
    String code, copy, suc, zero = "DOOO DOOOODOOOD
    System. out. printly (" Enter message");
    code = in. nextline()
     h = code. dength ();
    copy = code;
     code + = zero;
     code = ob. divide (code);
    System. out. possith ("Hessage = " + copy)
    copy = copy substring (0, n) + coole. substring (n);
    System.out. println ("CRC=");
     System. out. printle (code. substarrag(n));
     System.out. println (" transmitted frame y" + copy);
     System. out. peintle ("Enter seciesed data");
        crec; in. nexthere ();
     if (zero. equals (ob. Livide $ (sec). substring (n)).
    System. out . perilla (" caracet bits secured");
    System. out. printle ("Recieved franc continues one or more
                          werer");
                                                         S.R. Purel
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S.R. PUNEETH
Cr. dore();
                                                    18MIBCS087
public string divoide (string s)
 int i, j; chan x;
 Iting div = "10001000000100001";
  for(i=0; icn; i++)
    i= s. chartcis;
   for (j=0; j=17; j++)
    " (x=='1')
  if (s. chantAt (i+ i)! = dir. chanAt (j))
    s=s. mostring (0, i+j)+"1"+s. mestring (i+j+1);
   else
    s= s. mostering (0, i+5)+ "0"+ s. mostering (i+j71);
                           Walley Solly year Color of the
                                                    S.R. Pured
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