Γ
Exp 9 - Expor detecting Code
import java. vtil. *.
import java. vtil. *. public class Crc
ξ',
public Static int n:
Public Static void main (String [] args)
S Sunday C Judgs
Scanner in = new Scanner (System.in).
Crc Ob = new Crc ();
String code, copy, sec, zero = "000000000000000000000".
System. out. println ("Enter message").
code = in. nettline ().
n = code. length();
Copy = code;
Code + = zero.
Cook = ob. divide (coole)
System. out. printly ("Message = " + copy).
copy = copy. substring (o,n) + code. substring (n).
System.out.println (" CRC = ").
System. out. println (code substrung(n)).
System. out printh ("thousmitted frame is" + copy).
System. out. println (" Enter recieved data").
Aec = in. nextLine ().
if (zero. equals (ob. divide (rec). substring (n)))
System. out. println (" Correct bits recieved").
else
System. out phintln ("Recieved frame contains one at more").
in-close ();
<u> </u>

```
Public String divide (String s)
      int ij;
       char x;
      String div = "100010000001000001";
       for (i=0;i<n,i++)
            n= 5. charAt(i);
fox(j=0; j<17; j++)
                 if (x == '1')
                   if (s. charAt (i+j)! = div. charAt (j))
                  3 = 5. Substring (0, i+j) + "1" + 5. substring (i+j+1).
                 3 = 5. substring (0, iti) + "0" + Sasubstring (itj+1).
      return 5.
```