```
# include < iostream >
# include < string - h >
 using namespace std;
 int coc (chan * ip, chan *op, chan * paly, int mode)
      stacpy (op, ip);
      if (mode) {
          for (int i = 1; i < stalen(poly); i--)
          streat (op, o");
    for(int i=0; i<strlen(poly); i++) {
          if (op[i]==(1)){
           for (int j=0; j=stolen(poly); j++){
               if Cop[i+i] == poly[j])
                  op[i+j] = '6';
              elee
               op[i+j]= (1);
      for (int i=0; i<strlen(op); i++)
             if (op[i] == '1')
              return o;
```

```
int main ()
dran ip[50], op[50], accv[50];
cout ex "Enter the input message in binary exemple.
     cin >> ip,
     CTC (ip, op, paly, 1);
    coutee" The transmitted message is: "eaipec
             op +stolen(ip) coende;
    out « "Enter the received message in
             binary" < cendl;
      cin >>>Recv;
    if (codnecu, op, poly, or)
       Gut « "No vous in data" « end!
       cout « "From in duta transmission
    else
              has occurred " < cends;
     saturn 0.
          x8+x2+x+1= 9
```