```
Manu: Shreya Laddhe
                              USN: 28MIRCS103
#include (Stdio, h)
#include (string. h)
# define N Strleng(g)
Char modif[28], Chicksum [28], gul [28];
 int i, j, k, a C;
   for (i=1; i<N, i++)

L' checksum [i] = ((checksum [i] = = gen [i])?'o':'i');
       checksum [a] = modif [a];
          if (Checksum [0] == 11)
          2000();
for (i=0; i< N-1; i++)
         checksum [i] = modif [a++];
```

```
Name: Shreya/Laddha
                               USN: 2BMI&CSID3
mhile ( a < = å + N-1);
int maine)
 int flag=0;
 prints (" In enter data: ");
  Scanf ("1.5", modif );
  print (" in generating polynomial: 7.5", g)
   @i = strlen (modif);
   for ( c=i ; exi+N-1; e++)
     modifica 1 = 101;
   pantf (" m --- m");
   printf (" modified data is:/-s", modif);
    Crc();
   printf (" Chickenin 15: 1.5", Checksum);
    for ( c= i; c< (+ N-1; (++)
   modific]: Checksum [c-i];
    printy (" final codemond is: 1/5", modified);
    print (" test error detection olyes) ((no)::");
    scant ("1.d", fe);
     if (c==0)
       dof
        Minks [" Enter the position when essor is to
             be insuted");
       scanf ("1.d", fc);
       while (c==011 c>ei+N-1);
```

Nami: Shreya Laddha USN: 1BM18(STO3 Modif [c-1] = (modif [c-1] == '0')?'1':'0';
print (" ferroneous data: /.s", t);
} (xcl)
for (c=0; (c<anl-1)44 (checksumtc]!='1');
(++); C801) uf (C < N-1) print ("error detected In In "); z printf(" no essor"); while (fag! =1)