Write a program for expr detecting code using CRCLITT # include < Statio.ns # include < string in > station (division) chardata [30]; char &em [30]; Chan division [10]; int dength, void xore for (j=1, j<N; j++) remtjj= ( remtjj==divisiontjj)? for ( 1=0; 1<N; i++) if (remto] == 11') 10V (j=0; j < N-1; j++)

rem [j] = dala[i++]; while (i <= alengm + N-1) 2 prints (" Enter the data naving received;");

|   | Dote Page   |
|---|---|
|   |   |
|   | (cam) (" Y.S" data);  |
|   | Scary (" 1.5" data);  Print (" data received; 1.5", data?). |
|   | (RC())  |
|   | CRC'();<br>10Y (1=0; (1=N-1) { (8em[j]!='1');               |
|   | itti<br>itti  |
|   |   |
|   | princt dected in the data);                                 |
|   | e ce  |
|   | printy (" in no error detected in  data in);                |
| Para Para Para Para Para Para Para Para | 3   |
|   | int main()  |
|   | & printf ("In Enter me data to                              |
|   | be Warsmitted ");   |
|   | Scanf ("1,5", data);  |
|   | print (" In Enter The division")  scant (" Y,5", division); |
|   | dlength = Strien (data);                                    |
|   | Jor (i= alengm; i < dength +N-1;                            |
| 7                                       | ? data [i] = 'O'ji++ )',                                    |
| <del></del>                             | printf (" Data paded with n-1 zeros                         |
|   | "7.5", data);   |
|   | prints (" In The nemainder on CRC is you                    |
|   | for (i= dlingth, i < dlingth + N-1; iti)                    |
|   | data (i) = rem Ti-dlength f                                 |
|   | pmilf ("In Field data being sent                            |
|   | 7,5 ", data)  |
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|       | Output:  |               |
| 1     | Enlar data to be bransmitted: 1001101  | $\overline{}$ |
|       | Enter the duvision! 1011   |               |
|       | Data Padded will   | _             |
|       | Data padded with n-1 zeros: 1001101000000000000000000000000000000  | 2             |
|       | Find data being sent: 100110101000000000000111   | -1            |
|       | Enter the data being received: 100!10!101000000000   |               |
|       | Data recyvial: 1001101101000000000000000000000000000   | Щ             |
|       | No crox detected in data. CPC  |               |
|       | outered in agra. Ct  | $\dashv$      |
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