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AIM: - To execute a check sum
program: -
#Proclude (std10.h)
#Include Loting. h)
Void maint )
  char
       0[20], 6[20];
  char sum [20], comp [20],
       i, len;
 int
 printf ("Enter the binary string in");
 Seanf ("45", &a);
 printf ("Enter secondary binary string In");
 seanf ("15", &b);
 if (strlen (a) = strlen (b))
     len = strlen(a);
     chas carry = '0';
     for ( = len -1; ">=0; "--)
       "f(a["]== '0' && b["]== '0' && carry== '0')
           Sum[1] = '0';
           carry = 'o';
       else if (a[i] == 'o' && b[i] == 'o' && carry == '1')
           Sum[1] = 11;
           corry = 'o';
       else if (ari] == '0' && b[i] == '1' && carry == '0')
          Sum["] = '1';
         corry = '0';
      else "f(a[1]=='0' && b[1] =='1' && carry =='1')
          Sum [:] = '0';
          corry = 191;
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else if (att] == '1' && bti] == '0' && carry == '0')
               sum[9]='1';
            elseif (a[i] == '1' && b[i] == '0' && cory == '1')
                cary = '0';
                Sum[9] = '0';
               carry = '1';
            else " f (a [1] == '1' && b [9] == '1' & (arry == '0')
               Sum ["] = '0';
               carry = '1';
           elseif (a[i] == '1' && b[s] == '1' && carry == '1')
              Sum[1] = '1';
             Carry = '1';
             break; ( of the way to be the think the terms
          else
 printf (" In sum = 4.5 ", sum);
 for ( = 0; ix len; i++)
   "f (sum["] == 'o')
            comp[i]='1';
         comp[:) = '0';
if (corry == '1')
            carry = 101;
else
   carry = '1';
printf ("In checksum = 1- c 1-5", carry, com);
```

printf(" in Wrong input etrings"); Output: Enter the binary string 11110000 Enter second binary string 00001111 Sum = 01111111 Check sum = 100000000.