```
Name > Shivarsh Joshi
                                           Course > BCA
                                            Sec > C
     University 200> 1121136
                                         Subject code > TBC-601
     Subject Name > Information Society &
                      Cyber Laws
Ans 3) # include < stdio. h >
      # include < string. h >
       int main ()
        3
              choon mag [] = " comptography";
              chan key [] = " Morianchy";
               ind meg Len = etrien (meg), keylon = etrien (key), i;
               int 1;
              chan newkey [maglen], excripted mag [maglen],
               decrypted mag [mag Len];
               for ( = 0, 1=0; i < mag Len; i++, 1++)
                      it ( J= = toy Len )
                           1=0;
                       new key [:] = key [f];
```

```
new key [:] = '/0';
11 Encryption
 for (1=0; 12 mgles; i++)
    encrypted mag [:] = ((mag[:] + newkey[:]) % 26) + (A);
  excitation was [;] = (/0),
11 decryption
  for ( =0; ix magles; i++)
     decrypted med [:] = (((excorpted meg[:] - hewkey [:]) + 26)
                       %26) + 6A8.
  gearables was [:] = e/0,,
  privat (60 original merride: , , oz, , med).
  privat ( 66/m key: %5 30, key);
  print (66/n New Generated Key: %5 38, newkey);
  printf (" In Everypted message: " so", excrypted mag);
   printf ("1/n Decrypted message: %5", decrypted mag);
 roturn O;
```