```
Agust Godiyer, University Roll No: 1121033
             # include < 8+dio. N>
             # include < string. N>
             and maine)
              3
              Chair msg (] = " Cryptography";
               char key[] = "Monarchy";
               KAT Walland
               my meglen = stolen (meg), keylan = stolen
                             ( Key), 1, j;
          Char neces key [msglen], encry ptied Msg [msg Lon],
                 decoyptedmsg[msglen];
          for ( ?= 0 , j = 0 ; 1 < msglen; ++1, ++3)
          Ş
           9-1 ( == Key Lon)
              7=0 1
            new key (i) = key (j);
     naus key [1] =' \0';
    for (i= 0; i< meglen; ++i)
     encry pted Mag [i] = (((encrypted Mag [i] -
                     naukey (1) +26) % 26) + 'A';
```

Scanned with CamScanner

```
decrypted Msg [i] = '\o';

printy ("Original Manage: olos", msg);

printy ("In key; olos", leeg);

printy ("In New Generaled key: olos", newkey);

printy ("In Encrypted Menage: olos", encrypted,

Msg);

printy ("In Decrypted Manage: olos", decrypted

Msg);

gratuan o;
```

#