NAME - Ayush Nautyal Course is BCA Lection > A Sem > 6 Rall no -> 1121034 Subjections & Inf yber security Owestron - 3 Plain text -> croytography Key - > Monarchy det generatekey (String, key);
key = Just (key) if (en (String) = = den (key);
netwen (key) fork in range (den (String) - den (key)). key. append lkey [i'l' len (key)]] networ ("", Join (key)) det apher Text (String, neg); Capher - text = [] ter i in range (den Cstring)); x = (ord (string [i]) + ord (hey [i]) X+=ord(LA)

Caphee text, append (chr (x)) neturn (" ". Join (cepher text) det oneginal Text (cipher-text, hey): onig-tax+=CJ for i in range (den laphee-text)); mato & = (ord (cepher_tat Ci)) - ord (hey [J]) + 26 1 -1 · 26 X+ tord ((A)) ægena ong onig stept, append (chr (x))) netuen (9 n. Jours (orig - Lex L)) # deuner Code 4--name--=="-main-"; String z 11 Cyptography 11 hey word = " monarchy" hey = " generale hey (String, heyword) Cepher i text z cepher Text (Shriy, hey) Print l'a Caphertest ; ", capher - dest 1 prine l'u original | Beirgsted Test: ", ongenåd Tes + & cupher - des +, key) J hyul

Question-4 umport math, random det generate OTP (); digits = 1101234567844 for i un range (41: OTP+2 digit (math. Hoor (random. random 2- (2010) bro 1) rob + 4612 netwer orp 41122437 14423434 4 -- nam -- zzu__mais_11; print 14 of p of 4 dyets: ", generates OTP (1) iconstant a inthus when ((2, 4424) eggennis + "; sadgo ") + 41149 ile dadel dans tele tele hard -

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austron-5
    ewor tent = " Attack from worth
  nesult = "", " ", "
  for is in range ( den ( dext 1):
  Char = text [u']
  if Char. usupper Us 1;
  nesult + = che (( ord ( char) + 5 - 65) 1.
                 copy the femous fire
    nesul + chr (1 ord (char) +5-97) 1.26+97)
 neturen nesult
 text = 11 Attack from north "
  Printlutext: "+ Lext)
 Prine 1" Snift: "+ Shr (S))
  Print 14 appea: "+ encrypt 1 dest, S)]
det deceypt ( Next, s):
 nesult = 11
for i in range (den (ter +1);
```

Charz Lest (i) if (chae is upner ()); nesult + = chr ((ord (word) - 5 - 65) 11.26+60) result + z chr 11 ord (char) - 5 - 97) 4. 26 + 97) neso netwon nesult dept 2" Attall from worth 19 1-3 Prino 1" ciphee; " + clerrypt Westys) print (4 souft: "1 + shr (S)) privofalest; n+ dest)