Names Ankrich Negi Rolling 1 17 Course -> BLA 6A University Roll no. -> 1121019

```
Aus deb generatekey (string, key):
                key= list (key)
                if rent string) = = lentkeg):
                       return (key)
                 6 186:
                     boo i in range (len(string) - len(key));
                             key append ( key [ i % len (key)])
            return (" ), join (key ))
     del cipher text (string - key);
              Cipher_text=[]
               box in in range (dey (String)):
                       x = (ord lstring[i]) + ord (key [i]) 1/21
                       21+= 03d('A')
                       Cipher-text-append (chr(1))
                return (" ", join (ipher-text))
```

```
original Text ( cipher-text, key ):
det
       Orig-text = []
       bor in in range (deu (ciphon-text)):
                DL= (ood (cipley-text[i]) - ord (key[i])
                     ( 85 el. ( 98 t
                x += 08d ('A')
                orig-text - append (chala)
        return (" ", join (orig-text))
ib -- name -- = = " -- main_-":
Stoing! ""
       keyword: "
        key = generated key ( string, keyword)
         cipher-text = cipherText( string, key)
         Print L' Ciphatext: "; lipha-text)
         Print ("Original ! Decrypted text: " Original
     Text ( ciphon text, kpy )
```