```
Name - Shriyansh Rauthan
    def vignerekey (string, key):
           key= list(key)
           if len(string) == len(key):
           return ( key)
          else:
              for i in range (len(String)-len(key)):
                  key.append (key[i% len (key]])
          return (" ". join (key))
    det encryption (string, key):
          encry-text = []
          for i in range (len (string)):
              x = (ord (string [i]) + ord (key [i]) 1/26
              x = x + ord ('A')
           encrypt-text. append (chr(x))
       return (" ". Join (encrypt-text))
   def decryption (encrypt-text, key):
```

orig_text = []

for i in range (len (encryttext)):

X = (ord (encry_tex+[i]) - ord (ky[i]) + 26)1.26 X = X + ord ('A') Orig-text. oppend (chr(x)) return (" " join (orig-text))

Plaintext = "Cryptography"

and the second s

key z" Monarchy"

keyword = vignerekey (st. plaintent, key)

encrypt-text = encryption (plaintext, keyword)

Print (" Encrypted message: ", encrypt-text) Print ("decrypted message: , decryption (encrypted)

, keyword))