alphabets = '\_abcdefghijklmnopqrstuvwxyz'  
digits = '\_1234567890@\_'  
  
  
def password\_encrypter(password, key, digit\_key):  
 encrypted\_password = []  
  
 for char in password:  
 if char.isdigit() or char in '@\_':  
 char\_index = digits.index(char)  
 char\_index = (char\_index + digit\_key) % 12  
 encrypted\_password.append(digits[char\_index])  
 else:  
 letter\_index = alphabets.index(char.lower())  
 letter\_index = (letter\_index + key) % 26  
 if char.isupper():  
 encrypted\_password.append(alphabets[letter\_index].upper())  
 else:  
 encrypted\_password.append(alphabets[letter\_index])  
  
 return ''.join(encrypted\_password)  
  
  
def password\_decrypter(encrypted\_password, key, digit\_key):  
 password = []  
  
 for char in encrypted\_password:  
 if char.isdigit() or char in '@\_':  
 digit\_index = digits.index(char)  
 digit\_index = (digit\_index - digit\_key) % 12  
 password.append(digits[digit\_index])  
 else:  
 letter\_index = alphabets.index(char.lower())  
 letter\_index = (letter\_index - key) % 26  
 if char.isupper():  
 password.append(alphabets[letter\_index].upper())  
 else:  
 password.append(alphabets[letter\_index])  
  
 return ''.join(password)  
  
  
encrypted = password\_encrypter('567891', 2, 9)  
print("Encrypted:", encrypted)  
  
decrypted = password\_decrypter(encrypted, 2, 9)  
print("Decrypted:", decrypted)