```
string = 'abcdefghijklmnopqrstuvwxyz'


# Reverse the given string
def bkwrds(x):
    return x[::-1]

print(f'{string}')
print(f'{bkwrds(string)}')
print(f'Palindrome of the given string: \n{string[0:-1:]}{bkwrds(string)}')

```

```
abcdefghijklmnopqrstuvwxyz
zyxwvutsrqponmlkjihgfedcba
Palindrome of the given string:
abcdefghijklmnopqrstuvwxyzyxwvutsrqponmlkjihgfedcba
```

```
# camelcase the indices of the given string
def camelCase(str):
    sorted_str = []
    for i in range(len(str)):
        if i % 2 == 0:
            sorted_str.append(str[i].upper())
        else:
            sorted_str.append(str[i].lower())
    print(''.join(sorted_str))

camelCase(string)
```

```
AbCdEfGhIjKlMnOpQrStUvWxYz
```

```
# camelcase the indices of the given reversed string
def camelCase_rev(str):
    rev_str = str[::-1]
    sorted_str = []
    for i in range(len(rev_str)):
        if i % 2 == 0:
            sorted_str.append(rev_str[i].upper())
        else:
            sorted_str.append(rev_str[i].lower())
    print(''.join(sorted_str))

camelCase_rev(string)
```

```
ZyXwVuTsRqPoNmLkJiHgFeDcBa
```

```
dict = {
    'A': ['1', '2', '3'],
    'B': ['1', '2', '3']
}
for key in dict.keys():
    for value in dict.get(key):
        print(f'{key}{value}')
```

```
A1
A2
A3
B1
B2
B3
```

```
# String to list conversion
data = input('Enter String: ')

def list_str(data):
   return list(data)

print(len(data))
print(list_str(data))
```

```
Enter String: hello
5
['h', 'e', 'l', 'l', 'o']
```

```
a = 'ABCDEFGHIJKLMNOPQRSTUVWXYZ'
b = 'zyxwvutsrqponmlkjihgfedcba'
c = '<[{(!@#$%^&*??*&^%$#@!)}]>'
d = '2109876543210012345678901 2'
out = ''
# Join the both the strings
for i in range(len(a)):
    out += a[i]+b[i]+c[i]+d[i]
out.strip()
print(out)
```

```
Az<2By[1Cx{0Dw(9Ev!8Fu@7Gt#6Hs$5Ir%4Jq^3Kp&2Lo*1Mn?0Nm?0Ol*1Pk&2Qj^3Ri%4Sh$5Tg#6Uf@7Ve!8Wd)9Xc}0Yb]1Za>2
```

```
str1 = 'ABCDEFGHIJKLMNOPQRSTUVWXYZ'
str2 = 'zyxwvutsrqponmlkjihgfedcba'
str3 = '<[{(!@#$%^&*??*&^%$#@!)}]>'
str4 = '2109876543210012345678901 2'
print("".join([f"{i}{j}{k}{l}" for i, j, k, l in zip(str1, str2, str3, str4)]))
```

```
Az<2By[1Cx{0Dw(9Ev!8Fu@7Gt#6Hs$5Ir%4Jq^3Kp&2Lo*1Mn?0Nm?0Ol*1Pk&2Qj^3Ri%4Sh$5Tg#6Uf@7Ve!8Wd)9Xc}0Yb]1Za>2
```

```
str1 = 'helloJohn'
str2 = []
str_vowels = ['a', 'e', 'i', 'o', 'u']


for i in str1:
    for j in str_vowels:
        if i != j:
            str2.append(i)
            if i == j:
                i = i.replace(i, '')
                str2.append(i)


print(str1)
print(str2)

```

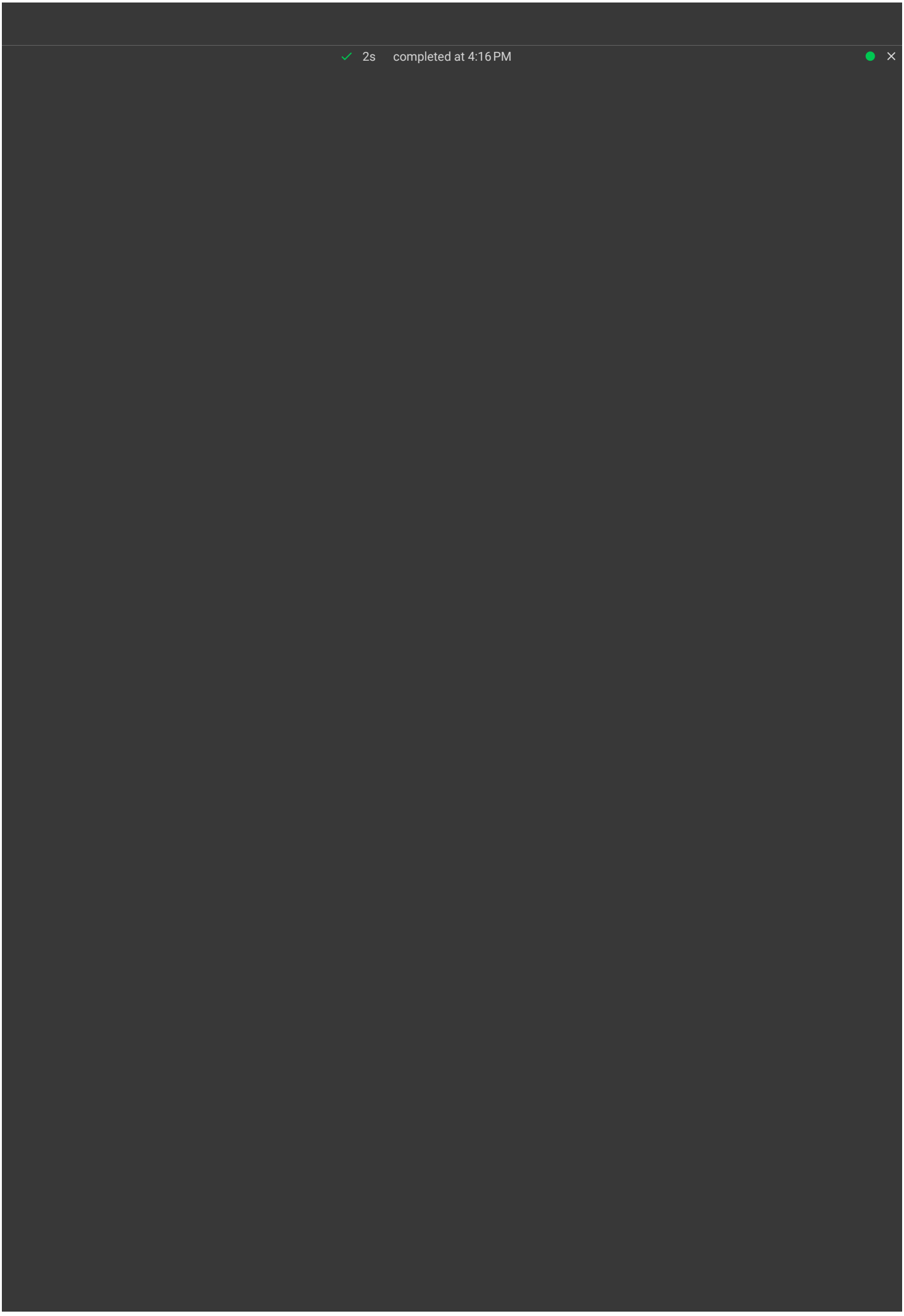
```
helloJohn
['h', 'h', 'h', 'h', 'h', 'e', 'e', 'e', 'e', 'l', 'l', 'l', 'l', 'l', 'l', 'l', 'l', 'l', 'l', 'o', 'o', 'o', 'o', 'J', 'J',
```

```
string·=·input('Enter·Text:·\n')
str_vowels·=·['a',·'e',·'i',·'o',·'u']

def·eliminate_vowels(string):
····for·i·in·string:
········if·i.lower()·in·str_vowels:
············string·=·string.replace(i,·'')
····print(string)

eliminate_vowels(string)
```

```
Enter Text:
hello
hll
```


2s completed at 4:16 PM