

In [10]:

```
a = "Welcome to the Netzwerk acedemy"  
print(a)
```

Welcome to the Netzwerk acedemy

In [9]:

```
print(a.upper())
```

WELCOME TO THE NETZWERK ACEDEMY

In [11]:

```
print(a.lower())
```

welcome to the netzwerk acedemy

In [12]:

```
print(a.startswith("L"))
```

False

In [13]:

```
print(a.startswith("W"))
```

True

In [14]:

```
print(a.endswith("m"))
```

False

In [15]:

```
print(a.endswith("y"))
```

True

In [16]:

```
print(a.capitalize())
```

Welcome to the netzwerk acedemy

In [17]:

```
print(a.casefold()) # coverts string into lower case
```

welcome to the netzwerk acedemy

In [20]:

```
print(a.encode()) # Returs an encoded version of the string
```

b'Welcome to the Netzwerk acedemy'

In [21]:

```
print(a.expandtabs()) # sets the tab size of the string
```

Welcome to the Netzwerk acedemy

In [22]:

```
print(a.format()) #formats specifed values in a string
```

Welcome to the Netzwerk acedemy

In [24]:

```
print(a.isnumeric())
```

False

In [25]:

```
print(a.isspace())
```

False

In []:

In []:

```
# Task 3.1
```

In [26]:

```
list =[1,2,3,4,5,6,7,8,9]
print(list)
```

[1, 2, 3, 4, 5, 6, 7, 8, 9]

In [28]:

```
print(list.clear())
```

None

In [29]:

```
print(list)
```

[]

In [35]:

```
list =[0,1,2,3,4,5,6,7,8,9]
print(list)
```

[0, 1, 2, 3, 4, 5, 6, 7, 8, 9]

In [37]:

```
print(list.pop())
```

9

In [40]:

```
print(list.sort())
```

None

In [45]:

```
print(list.reverse())
```

None

In []:

```
# Task 3.2
```

In [58]:

```
list1 =[1,2,3,4,5,6,7,8,9,10]
print(list1)
```

[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

In [65]:

```
list[::-1] # tried but didnt get any valid answer please help
```

Out[65]:

[8, 7, 6, 5, 4, 3, 2, 1, 0]

In []: