

Lab-02-01_Strings (ASSIGN_02)

October 16, 2021

1 Exercise 1

- create a string variable str with the content 2018-12-05
- print the length of the string
- print the 1st, 6th and 8th character

```
[1]: str="2018-12-05"  
print(len(str))  
print(str[1],str[6],str[8])
```

```
10  
0 2 0
```

2 Exercise 2

- create a new string str1 = "2018-05-12"
- print the 5th character
- why is this command generating an error? str[4] = "/"

```
[2]: str1 ="2018-05-12"  
print(str1[5])  
print("error occure because we can't modify the value of existing string")
```

```
0  
error occure because we can't modify the value of existing string
```

3 Exercise 3

- create the string "2018-05-12"
- use the find() function to find the index of the character -

```
[3]: str1= "2018-05-12"  
print(str1.find("-"))  
print(str1.find("-",5,9))
```

```
4  
7
```

4 Exercise 4

Why is this generating an error? ind1 = str1.find("-") ind2 = str1.find("-",ind+1) print(ind2)

```
[4]: #error occure because this function accept the correct value for start and the
      ↪value ind+1 is not valid
```

5 Exercise 5

• replace the characters - in the string str1 with the character / HINT: find documentation about using replace()

```
[5]: str1= "2018-05-12"
      print(str1.replace("-", "/"))
```

2018/05/12

```
[ ]:
```

6 Exercise 6

Given the string str1 = “2018-05-12” print out: - a string composed of the first 3 characters - a string composed of the last 2 characters - a string composed from the third to the fifth character

```
[6]: str1 = "2018-05-12"
      print(str1[0:3])
      print(str1[-2:])
      print(str1[3:6])
```

201

12

8-0

7 Exercise 7

• the string str1 = “2018-05-12” has the form YYYY-MM-DD • transform it to the format DD.MM.YYYY

```
[7]: str1 = "2018-05-12"
      str1 = str1.replace("-", ".")
      str1 = str1.replace("12", "2018")
      str1 = str1.replace("2018", "12", 1)
      print(str1)
```

12.05.2018

```
[ ]:
```