



Programming for DA

Joseba Carricas
jcarricasga@external.unav.es

Exercise 1

Having a string that represents a date in “yyyy-mm-dd” format, create a program that prints the year, month and day.

```
date_value="2022-01-23"
```

```
2022
```

```
01
```

```
23
```

Exercise 2

Having a string that represents an international phone number, create a program that prints the country code and the local phone number.

e.g. "+34 777444665" will print "+34" and "777444665"

e.g. "+34 777 444 665" will print "+34" and "777444665"

e.g. "+1 98989834344"

e.g. "777 444 665" will print "Not an international phone number"

Exercise 3

Having a string that represents a date in “yyyy-mm-dd” format, create a program that prints the month name.
e.g. “2022-02-25” will print “February”.

Exercise 4

Using “tripadvisor_museum_world.csv”, create a Python program that gets the number of museums for each number of features (“FeatureCount” column).

Exercise 5

Looking at “tripadvisor_museum_world.csv”, evaluate a way to check if the museum is from the USA.

Discuss the weaknesses of your solution and implement a Python program that prints the country for each museum.

Exercise 6

Using “tripadvisor_museum_world.csv”, create a Python program that gets the number of museums for each country.

Tip: you can use previously developed method in exercise 5, or use the country code in phone number.



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