

S01-T01-python-intro

January 24, 2022

1 S01-T01: Jupyter Notebook and Markdown

1.1 Goals:

1. Create variables
2. Mathematical Operations
3. Transform with Casting
4. String Techniques
5. Booleans

```
[ ]: # Loading packages and setting functions
from datetime import date
import calendar
curr_date = date.today()
```

```
[ ]: # Welcome
usr_name = input("What's your name") # 1. Create variables
print('Hello ' + usr_name + ', my name is Mar!') # 4. String Techniques
```

Hello , my name is Mar!

```
[ ]: # Calculate age
usr_year = input("Which year were you born?")
if len(usr_year) == 4 and usr_year.isdigit():
    usr_age = curr_date.year - int(usr_year) # 2. Mathematical Operations and 3.
    ↪ Transform with Casting
    print(str(usr_age))
else:
    print('Please, write a 4-digit number')
```

Please, write a 4-digit number

```
[ ]: # Goodbye
if usr_age > 80: # 4. Booleans
    print('Have a great ' + calendar.day_name[curr_date.weekday()] + ', grandpa!
    ↪')
else:
    print('Have a great ' + calendar.day_name[curr_date.weekday()] + ' :')
```

Have a great Monday :)