

I2PP4DA

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Outline

- Control flow
- Loops
- Tutorial Exercises
- Homework

Exercise category

- Tutorial exercise
 - with a Tutorial label
 - 4 points and 1 bonus point = 5 points
- Homework exercise
 - With a Homework label
 - 4 points and 1 bonus point = 5 points
- Quizes
 - Mon 10:15 – 10:20 of the tutorial session

T01E01_Hello World

📁 Clone Repository 🔗 Open repository

📊 125% (a minute ago)

Not released

Tutorial

Easy

Due Date: in a day

H01E01_So many types

📁 Clone Repository 🔗 Open repository

📊 125% (7 hours ago)

Not released

Homework

Easy

Due Date: in 8 days

Quiz00

📄 Open quiz

📊 Not yet started

Easy

Optional

Due Date: in 11 hours

Environment for the lectures

- Anaconda [Distribution | Anaconda](#)
- Vscode [Visual Studio Code - Code Editing. Redefined](#)
- Pycharm <https://www.jetbrains.com/pycharm/download/>
- Jupyter notebook [Project Jupyter | Home](#)
- Pip (download for python package)
- WSL (windows subsystem for Linux)
- Terminal (Mac os)
- Git (will be used frequently during the exercises)



A Normal Python program

```
numbers_list = [1, 3, 7, 12]
odd_numbers_list = []

for number in numbers_list:
    if number % 2 != 0:
        odd_numbers_list.append(number)

print(odd_numbers_list)
```

Either from defined variable or list

Here we defined a numbers_list = [1,3,7,12]

Function Based Programming

```
def solution(number_list):  
    result = []  
    for number in numbers_list:  
        if number %2 !=0:  
            result.append(number)  
    return result  
numbers_list = [1,3,7,12]  
odd_number_list = solution(numbers_list)  
print(odd_number_list)
```

[1, 3, 7]

Learn by doing!

Any Questions?
Thanks for coming to the tutor session!