

# Introduction to Programming with Scientific Applications

- Missing handins, deadline 19 May 2023
- Final project, deadline 31 May 2023
- Course evaluation
- Exam, 17 June 2023
- AOB

# Exam

- 5 hours, written exam, with aids, including PC and internet
- Communication with others about the exam is not permitted during the exam
- ITX Flex must be enabled
- AI assistants like ChatGPT and GitHub Copilot are not allowed
- Reexam in August
- Grade is an *overall assessment* of the implementation project and the exam
  - The result of the final exam must meet the minimum requirements for acceptance to be able to pass the course
  - The final exam contributes 80% to the final grade
- eksamen.au.dk
  - Download .zip + add missing code + upload .zip
- Questions? – post them on Brightspace

# Content of .zip file

```
A.py - C:\Users\au121\Desktop\ipsa22\ipsa22exam\A.py (3.11.3)
File Edit Format Run Options Window Help

INTERVAL SUM

Your task is to write a function interval_sum(i, j), that returns
the sum i + (i + 1) + ... + j. Eg. for i = 10 and j = 13 the sum
returned should be 10 + 11 + 12 + 13 = 46.

Input: Two lines, containing integers i and j, respectively.
It is guaranteed that 1 <= i <= j <= 100.

Output: The sum i + (i + 1) + ... + j.

Example:

Input:  10
       13

Output: 46

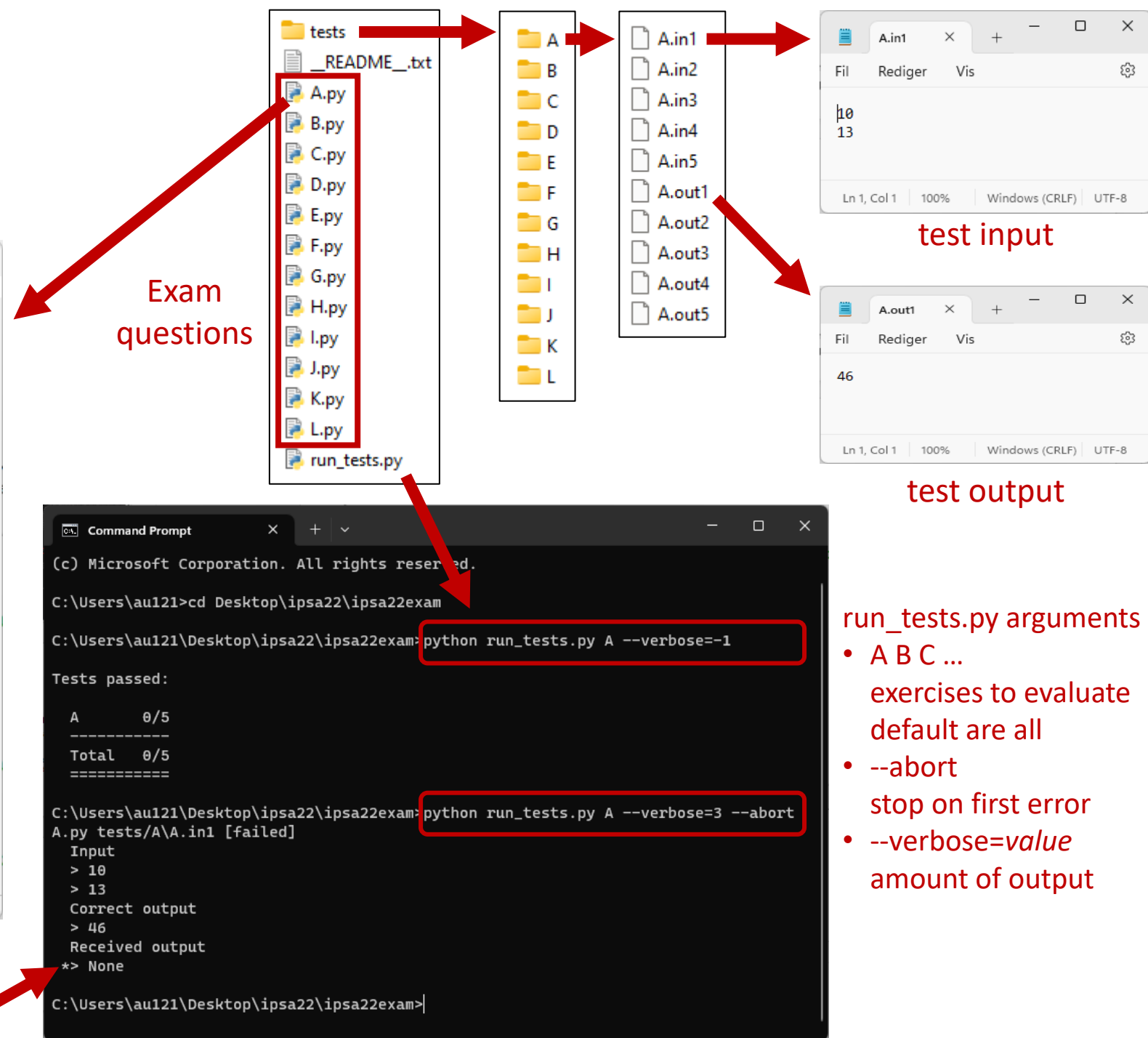
Note: The below code already handles the input and output.
...

def interval_sum(i, j):
    # insert code
    pass

i = int(input())
j = int(input())
print(interval_sum(i, j))

Ln: 1 Col: 0
```

\* = line with wrong output



# Evaluation of code

Don't expect partial scores  
for this solution

```
def interval_sum(i, j):  
    if i == 10 and j == 13:  
        return 46
```

- Each problem will be assigned a **weight**
- There will be problems of **varying difficulty**
- Code will be evaluated on **known test cases** and **unknown test cases**
- In general, **automatic scoring**, in some exceptional cases manual
- Googling / stack overflow / Python documentation etc. **is allowed**, but put a **comment if you copied code from internet** to avoid plagiarism

AOB ?