

## Assignment #1

**Course:** COURSE123 Course Name

**Student:** Your Name (Student ID)

**Teacher:** Teacher / Examiner

**Due date:** 2025-12-12

### Notes (optional)

Write assumptions, given data, or what you are going to do.

Problem 1 ( Short title )

**[10 pts]** State the task (you can paste the question here).

**Solution**

Your answer goes here.

**Example math:**

$$\sum_{k=1}^n k = \frac{n(n+1)}{2}.$$

**Example list:**

1. Step one
2. Step two

**Example figure:**

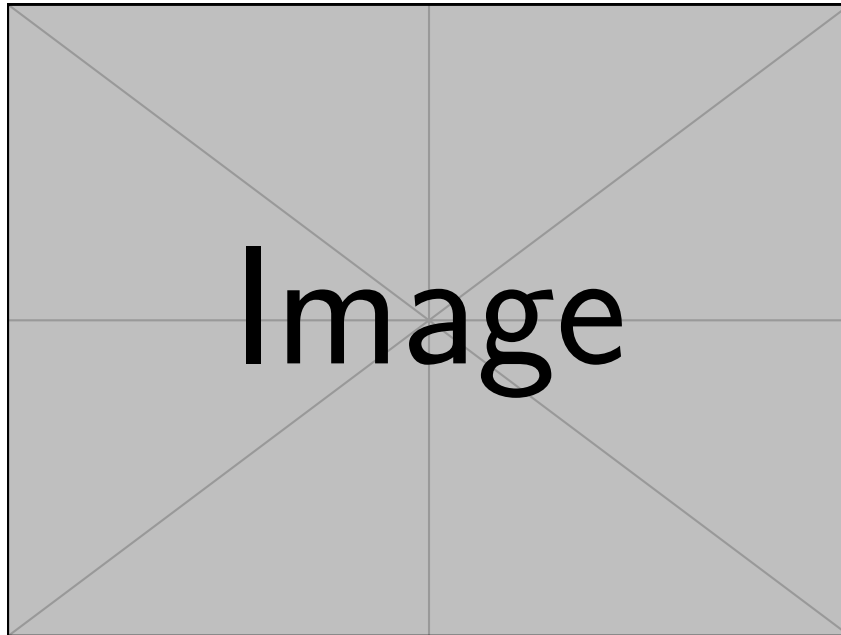


Figure 1: Caption here.

**Example table:**

Item	Value A	Value B
Foo	1	2
Bar	3	4

Table 1: A simple table.

**Example code:**

Listing 1: Example code

```
1 def f(n):  
2     return n*(n+1)//2
```