

## Lab 3.3.3 Writing and using your own functions – basics

### Objectives

Familiarize the student with:

- projecting and writing parameterized functions;
- utilizing the `return` statement;
- building a set of utility functions;
- utilizing her/his own functions.

### Scenario

Your task is to write and test a function which takes three arguments (a year, a month, and a day of the month) and returns the corresponding day of the year, or returns `None` if any of the arguments is invalid.

Use the previously written and tested functions. Add some test cases to the code. Our test is only a beginning.

```
def IsYearLeap(year):  
    #  
    # the already written code  
    #  
def DaysInMonth(year, month):  
    #  
    # your code is already here  
    #  
def DayOfYear(year, month, day):  
    #  
    # put your code here  
    #  
print(DayOfYear(2000, 12, 31))
```