

# YZV 102E/104E - Intro. to Prg. for Data Science(Python)

## 2021/2022 Spring

### Homework 5

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- Please write your **own** codes, copying code parts **from books, websites or any other source** including your **friends** is considered as **plagiarism** and results in penalty. Also disciplinary actions will be taken. Team work is not allowed. Pattern of your solutions must belong to only you.
- Do not upload your codes to any public platform (e.g. Github) until the deadline of homework passes.
- Your code should be able to be compatible with python3.6+.
- Do not forget to comment your code.
- Anything not covered in the class may cause low grades. Read carefully the instructions.
- Submit your source codes and report files in desired format on Ninova before the deadline, late submissions and submissions via e-mail **will not be accepted**.
- If you have any questions, do not hesitate to send an email to onalug@itu.edu.tr.

## 1 Coding (100 pts)

### Implementation

In this part, you are going to enter the contest in the Hackerrank with [this link](#). You should sign up with your itu.edu.tr mails and your username should be match your itu.edu.tr mails.

## 2 Submission

You need to submit the files shown below in zip file named with your number (i.e 123123123.zip).

1. solution.py      # solution of the question