HOMEWORK DESCRIPTION

INSTRUCTIONS
- You have to work on this project in pairs with classmates.
- You must use the Python notebook (files.ipynb) for your written report to explain the processes of building the machine learning models.
- The report must contain the contents following "PROJECT ASSIGNMENT".

PROJECT ASSIGNMENT

Your notebook must contain the following contents:
- **Data Exploration**
  - How many attributes in the dataset
  - Observations of good and bad things about the dataset
  - List of all attributes that you would keep or remove from the dataset and why
- **Data Preprocessing**
  - Missing Values
  - Feature Selection
  - Feature extraction
- **Model Construction (Linear and Logistic regression model)**
  - Code (Python) description
  - Experimentation with different preprocessing
  - Experimentation with different testing modes
  - Presentation of resulting model and evaluation
  - Observations and analysis of results

DATASET

HW1&2:
- https://archive.ics.uci.edu/ml/datasets/Bank+Marketing#
- https://www.kaggle.com/datasets/anwarsan/credit-card-bank-churn

HW3:
- TBD