



# Filoger Comprehensive Python For AI Course 2024

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## *Exercises 22*

Deadline: 2024 07 November

Score: 250 + 50

Thursday - 2024 31 October

# Question1

300

Create a digital store that manages two types of products: Phone and Laptop. Each product type has shared attributes, including an ID, name, price, and brand. Additionally, Laptop has specific attributes for memory and processor. In this project, you will define three classes: Phone, Laptop, and Store.

## Class Phone

- **Attributes:**
  - **id (str):** The unique identifier of the product.
  - **name (str):** The name of the product.
  - **price (float):** The price of the product.
  - **brand (str):** The brand of the product.
- **Methods:**
  - **display():** Display the product information.

# Question1

150

## Class Laptop

- **Attributes:**
  - **id (str):** The unique identifier of the product.
  - **name (str):** The name of the product.
  - **price (float):** The price of the product.
  - **brand (str):** The brand of the product.
  - **memory (str):** The memory of the laptop.
  - **processor (str):** The processor type of the laptop.
- **Methods:**
  - **display():** Display the product information.

# Question1

150

## Class Store

- **Attributes:**
  - **phones:** A collection to store phones.
  - **laptops:** A collection to store laptops.
- **Methods:**
  - **add():** Add phone or laptop to the phones collection.
  - **remove(id):** Remove phone or laptop collection using the ID.
  - **display(type):** Display all phones or all laptops

*Did* you  
know ?

You automatically  
lose the chances you don't take.  
Trust yourself. You can do this.



**Don't give up on your dreams :)**