**TRAINING, RESEARCH AND DEVELOPMENT UNIVERSITY OF IBADAN**

**Tech Odyssey Cohort 3**

**PYTHON DEVELOPER ASSESSMENT**

1. Create a simple Store Management System in Python for a Phone store that allows you to add new goods, display phone details, and perform some simple tasks.

**Requirements:**

**The system should store student information including**:

* Product Name (String)
* Storage in GB (Integer)
* RAM in GB (integer)
* Price in $ (float)

**The system should provide the following functionalities:**

* Add a new phone
* Display all phones
* Search for a phone by product name
* Remove a phone by product name
* Exit

1. Use the following string method

* Upper
* Lower
* Swapcase
* Capitalize
* Title
* Replace

1. Write a simple program that tell a customer if his/her budget can buy a gadget

Guidline

* Create a variable call price and set it to be constant
* Create a variable call budget that a customer will input the amount they have to pay
* Create a control flow that tell customer congrats you can buy the phone if the amount they want to pay is higher or equal to the value of price created above
* And tell them sorry the phone price is higher than your budget.

1. Imagine a student want to enroll in your mummy's school but has a limited budget. Thus, his decision to be enrolled is based on the condition that the school fees comes under his budget. Let's say his budget is #10,000.

As a python programmer write a code in Python that prints whether the student can be enroll or not based on his budget.