1. قم بعمل برنامج يمكن مدير المطعم من إضافة عناصر جديدة لقائمة طعام المطعم، بحيث يتفاعل معه البرنامج بالشكل التالي

Make a program that allow the restaurant owner to add new items to the menu, and interact with him like the following.

```python
menu = {"Margherita Pizza": 100, "Pepperoni Pizza": 120,
 "Meat Lovers Pizza": 150, "Chicken Pizza": 130}
```

```
Enter the name of the item to add to the menu (press Enter to Exit): codezilla pizza
Enter item price: 80
Enter the name of the item to add to the menu (press Enter to Exit): Gouda dessert
Enter item price: 100
Enter the name of the item to add to the menu (press Enter to Exit): Islam Tea
Enter item price: 30
Enter the name of the item to add to the menu (press Enter to Exit):
The New Menu:
Margherita Pizza: 100.00 EGP
Pepperoni Pizza: 120.00 EGP
Meat Lovers  Pizza: 150.00 EGP
Chicken Pizza: 130.00 EGP
Codezilla Pizza: 80.00 EGP
Gouda Dessert: 100.00 EGP
Islam Tea: 30.00 EGP
```

2.قم بعمل برنامج يمكن مدير المطعم من إزالة العناصر غير المرغوب بها من قائمة طعام المطعم، بحيث يتفاعل معه البرنامج بالشكل التالي

Make a program that allow the restaurant owner to remove items to the menu and interact with him like the following.

```
menu = {"Margherita Pizza": 100, "Pepperoni Pizza": 120,
        "Meat Lovers Pizza": 150, "Chicken Pizza": 130,
        "Beef Burger": 100, "Chicken Burger": 80}
```

```
Enter item name to be deleted (press Enter to Exit): chicken burger
Are you sure you want to delete Chicken Burger? (y/n): n
Enter item name to be deleted (press Enter to Exit): codezilla
Item not found
Enter item name to be deleted (press Enter to Exit): beef burger
Are you sure you want to delete Beef Burger? (y/n): y
Beef Burger has been deleted
Enter item name to be deleted (press Enter to Exit):
The New Menu:
Margherita Pizza: 100.00 EGP
Pepperoni Pizza: 120.00 EGP
Meat Lovers  Pizza: 150.00 EGP
Chicken Pizza: 130.00 EGP
Chicken Burger: 80.00 EGP
```

.3قم بعمل برنامج يمكن مدير المطعم من تعديل أسعار المنتجات داخل قائمة الطعام، بحيث يتفاعل معه البرنامج بالشكل التالي

Make a program that allow the restaurant owner to update items prices in the menu and interact with him like the following.

```
menu = {"Margherita Pizza": 100, "Pepperoni Pizza": 120,
        "Meat Lovers Pizza": 150, "Chicken Pizza": 130,
        "Beef Burger": 100, "Chicken Burger": 80}
```

```
Enter item name to be updated (press Enter to Exit): codezilla
Item not found
Enter item name to be updated (press Enter to Exit): chicken burger
Enter the new price: 200
Chicken Burger has been updated
Enter item name to be updated (press Enter to Exit): beef burger
Enter the new price: 220
Beef Burger has been updated
Enter item name to be updated (press Enter to Exit): codezilla pizza
Item not found
Enter item name to be updated (press Enter to Exit):
The New Menu:
Margherita Pizza: 100.00 EGP
Pepperoni Pizza: 120.00 EGP
Meat Lovers Pizza: 150.00 EGP
Chicken Pizza: 130.00 EGP
Beef Burger: 220.00 EGP
```

{codezilla}

4.قم بعمل برنامج يمكن مدير المطعم من التحكم بقائمة الطعام حيث يستطيع إضافة بعض المنتجات أو إزالة البعض الأخر من قائمة الطعام أو تعديل أسعار بعض المنتجات داخل قائمة الطعام، بحيث يتفاعل معه البرنامج بالشكل التالي

Make a program that allow the restaurant owner to control the menu as he can add items, remove items, and update items prices in the menu and interact with him like the following.

```python
menu = {"Margherita Pizza": 100, "Pepperoni Pizza": 120,
        "Meat Lovers Pizza": 150, "Chicken Pizza": 130,
        "Beef Burger": 100, "Chicken Burger": 80}
```

```
1. Add new items
2. Remove items
3. Update items
4. Exit

Enter your choice: 1
Enter item price: 180
Enter the name of the item to add to the menu (press Enter to Exit):
1. Add new items
2. Remove items
3. Update items
4. Exit

Enter your choice: 2
Enter item name to be deleted (press Enter to Exit): beef burger
Are you sure you want to delete Beef Burger? (y/n): y
Beef Burger has been deleted
Enter item name to be deleted (press Enter to Exit):
1. Add new items
2. Remove items
3. Update items
4. Exit
```

{codezilla}

```
Enter your choice: 2
Enter item name to be deleted (press Enter to Exit): beef burger
Are you sure you want to delete Beef Burger? (y/n): y
Beef Burger has been deleted
Enter item name to be deleted (press Enter to Exit):
1. Add new items
2. Remove items
3. Update items
4. Exit

Enter your choice: 3
Enter item name to be updated (press Enter to Exit): chicken burger
Enter the new price: 200
Chicken Burger has been updated
Enter item name to be updated (press Enter to Exit):
1. Add new items
2. Remove items
3. Update items
4. Exit
```

```
Enter your choice: 4
The New Menu:
Margherita Pizza: 100.00 EGP
Pepperoni Pizza: 120.00 EGP
Meat Lovers Pizza: 150.00 EGP
Chicken Burger: 200.00 EGP
Codezilla Burger: 180.00 EGP
```

5.تعلم لغة جديدة ليس امر يمكن تحقيقه في يوم وليلة، فإذا أردت أن تخوض هذا الطريق ستحتاج لتعلم الكثير من المفردات ومراجعتها بالإضافة إلى تعلم العديد من مهارات اللغة المختلفة، ولكن بما أننا الآن مبرمجين، فبإمكاننا تصميم برنامج يساعدنا في رحلة تعلمنا، بحيث يحتوي هذا البرنامج على الخصائص التالية كي يساعدنا في رحلة تعلمنا

Make your English study helper program that help you like the following.

```
1. Review random word
2. Test yourself
3. Exit

Enter your choice: 1
Word: Characteristic
Definition: referring to features that are typical to the person, place, or thing.
1. Review random word
2. Test yourself
3. Exit

Enter your choice: 2
Definition: Conversation that is teasing and playful.
Enter the word: codezilla
Wrong answer you have 1 more attempt
Enter the word: gouda
Wrong answer you have no more attempts
The correct answer is Banter
1. Review random word
2. Test yourself
3. Exit
```

```
Enter your choice: 2
Definition: Four-wheeled vehicles used for traveling.
Enter the word: wheels
Wrong answer you have 1 more attempt
Enter the word: cars
Correct answer
1. Review random word
2. Test yourself
3. Exit

Enter your choice: 3
Have a nice day!
```

```python
# dictionary with the words and definitions
words = {
    "Absence":"The lack or unavailability of something or someone.",
    "Approval":"Having a positive opinion of something or someone.",
    "Answer":"The response or receipt to a phone call, question, or letter.",
    "Attention":"Noticing or recognizing something of interest.",
    "Amount":"A mass or a collection of something",
    "Borrow":"To take something with the intention of returning it after a period of time.",
    "Baffle":"An event or thing that is a mystery and confuses.",
    "Ban":"An act prohibited by social pressure or law.",
    "Banish":"Expel from the situation, often done officially.",
    "Banter":"Conversation that is teasing and playful.",
    "Characteristic":"referring to features that are typical to the person, place, or thing.",
    "Cars":"Four-wheeled vehicles used for traveling.",
    "Care":"extra responsibility and attention.",
    "Chip":"a small and thin piece of a larger item.",
    "Cease":"to eventually stop existing.",
    "Dialogue":"A conversation between two or more people.",
    "Decisive":"a person who can make decisions promptly.",
    }
```