

1. قم بعمل برنامج يمكن المسؤول عن الصيدلية البحث عن  
بيانات الدواء بالشكل التالي

Make a program that allow the user to search for  
treatment information.

```
Enter treatment name (Press Enter to Exit): codezilla
Not Available
Enter treatment name (Press Enter to Exit): python
Not Available
Enter treatment name (Press Enter to Exit): panadol
Item: Panadol
Price: 25
Quantity: 10
Enter treatment name (Press Enter to Exit):
```

```
# available treatments
inventory = {"Paracetamol": {"price":25, "quantity":10},
             "Aspirin": {"price":15, "quantity":20},
             "Ibuprofen": {"price":20, "quantity":15},
             "Cough Syrup": {"price":30, "quantity":5},
             "Augmentin": {"price":100, "quantity":7},
             "Amoxicillin": {"price":80, "quantity":8},
             "Panadol": {"price":25, "quantity":10},
             "Zinc": {"price":15, "quantity":20},
             "Vitamin C": {"price":20, "quantity":15},
             "Fucidin": {"price":30, "quantity":5},
             "Kolanog": {"price":100, "quantity":2},
             }
```

{//}

2. قم بعمل برنامج يقوم بعرض بيانات الموظفين كما يلي

Make a program that show employee information like the following.

```
Enter the employee name (Press Enter to Exit): codezilla
Not Available
Enter the employee name (Press Enter to Exit): ali adel
Employee: Ali Adel
Age: 35
Salary: 7000
Department: IT
Enter the employee name (Press Enter to Exit):
```

```
employees = {
    "Mohamed Hassan": {"age": 25, "salary": 5000, "department":
"HR"},
    "Ahmed Kamal": {"age": 30, "salary": 6000, "department":
"IT"},
    "Ali Adel": {"age": 35, "salary": 7000, "department":
"IT"},
    "Hossam Yehia": {"age": 40, "salary": 8000, "department":
"IT"}
}
```

{codezi//a}

{//}

3. بعد انتهاء الفصل الدراسي يحتاج الطلاب لمعرفة درجاتهم، وحفاظا على خصوصية الطلاب قررنا في مدرسة كودزिला عرض بيانات الطالب فقط إذا قام بإدخال اسمه وكلمة المرور الخاصة به بشكل صحيح كما يلي

Make a program for codezilla students that allow the students to know their grades only if they entered their name and password correctly like the following.

```
Enter the student name (Press Enter to Exit): hossam yehia
Enter the password: 123
Wrong Password or Student Name
Enter the student name (Press Enter to Exit): hossam yehia
Enter the password: 33
Student: Hossam Yehia
Grades:
-----
Math: 100
English: 94
Science: 98
Arabic: 100
History: 100
-----
Student Percentage: 98.40%
Enter the student name (Press Enter to Exit):
```

{codezi//a}

```
{//}
```

```
Enter the student name (Press Enter to Exit): hossam ahmed
Enter the password: 123
Wrong Password or Student Name
Enter the student name (Press Enter to Exit): ali adel
Enter the password: 123
Wrong Password or Student Name
Enter the student name (Press Enter to Exit): ali adel
Enter the password: 12
Student: Ali Adel
Grades:
-----
Math: 85
English: 83
Science: 87
Arabic: 100
History: 90
-----
Student Percentage: 89.00%
Enter the student name (Press Enter to Exit):
```

بيانات الطلاب

```
students = {
  "Mohamed Hassan": {
    "Password": "123456",
    "grades": {
      "math": 100,
      "english": 90,
      "science": 80,
      "arabic": 100,
      "history": 97}
  },
}
```

{codezi//a}

{//}

```
"Ahmed Kamal": {
  "Password": "1234",
  "grades": {
    "math": 100,
    "english": 95,
    "science": 93,
    "arabic": 100,
    "history": 94}
},
"Ali Adel": {
  "Password": "12",
  "grades": {
    "math": 85,
    "english": 83,
    "science": 87,
    "arabic": 100,
    "history": 90}
},
"Hossam Yehia": {
  "Password": "33",
  "grades": {
    "math": 100,
    "english": 94,
    "science": 98,
    "arabic": 100,
    "history": 100}
}
}
```

{codezi//a}

4. قم بعمل برنامج يحصل من مسؤول الصيدلية على عدد من الأدوية يفصل بينها coma كما يلي، ثم يقوم بطباعة بيانات كل دواء منهم، وإذا كان هذا الدواء غير متوفر يقوم بإخبار المستخدم بذلك حيث سيتفاعل معه كالتالي

Make a program that takes a list of treatments separated by comma and print the price of each treatment and if the treatment is not available inform the user.

```
Enter the names of treatments separated by a comma (Press Enter to Exit):
panadol, kolanog, zinc, nasacort
-----
Panadol: 32
Kolanog: Not Available
Zinc: 20
Nasacort: Not Available
```

{//}

## قائمة الأدوية المتاحة وأسعارهم

```
pharmacy_prices = {  
    "panadol": 32,  
    "cold free": 25,  
    "omega 3": 45,  
    "fuciden": 37,  
    "augmentin": 50,  
    "zinc": 20,  
    "vitamin c": 15  
}
```

{codezi//a}