

1. قم بعرض بيانات الطالب الحاصل على أعلى مجموع من الدرجات من قائمة الطلاب التالية كما يلي

Print the information of the student with the highest total percentage like the following.

```
Hossam Yehia has the highest total percentage which is 98.40%
-----
Math: 100
English: 94
Science: 98
Arabic: 100
History: 100
```

```
{//}
```

```
students = {  
  "Mohamed Hassan": {"grades": {  
    "math": 100,  
    "english": 90,  
    "science": 80,  
    "arabic": 100,  
    "history": 97},  
    "school": "Codezilla"  
  },  
  "Ahmed Kamal": {"grades": {  
    "math": 100,  
    "english": 95,  
    "science": 93,  
    "arabic": 100,  
    "history": 94},  
    "school": "Codezilla"  
  },  
  "Ali Adel": {"grades": {  
    "math": 85,  
    "english": 83,  
    "science": 87,  
    "arabic": 100,  
    "history": 90},  
    "school": "Al-Azhar"  
  },  
  "Hossam Yehia": {"grades": {  
    "math": 100,  
    "english": 94,  
    "science": 98,  
    "arabic": 100,  
    "history": 100},  
    "school": "Al-Azhar"  
  }  
}
```

{codezi//a}

2. قم بعمل برنامج لإدارة الصيدليات حيث يتفاعل مع مسؤول الصيدلية بالشكل التالي

Make pharmacy management program that interacts with the user like the following.

```
1. Add new items
2. Remove items
3. Update items
4. Check Available quantity
5. Print treatment information
6. Exit

Enter your choice: 1
---Entering new item---
Enter item name (press Enter to Exit): codezilla
Enter item price: 150
Enter item quantity: 4
---Entering new item---
Enter item name (press Enter to Exit):
```

{//}

```
---Entering new item---  
Enter item name (press Enter to Exit):  
1. Add new items  
2. Remove items  
3. Update items  
4. Check Available quantity  
5. Print treatment information  
6. Exit
```

Enter your choice: 2

```
---Deleting item---
```

```
Enter item name to be deleted (press Enter to Exit): panadol
```

Enter your choice: 2

```
---Deleting item---
```

```
Enter item name to be deleted (press Enter to Exit): panadol
```

```
Are you sure you want to delete Panadol? (y/n): y
```

```
Panadol has been deleted
```

```
---Deleting item---
```

```
Enter item name to be deleted (press Enter to Exit):
```

```
1. Add new items  
2. Remove items  
3. Update items  
4. Check Available quantity  
5. Print treatment information  
6. Exit
```

Enter your choice: 3

{codezi//a}

{//}

```
Enter your choice: 3
---Updating item---
Enter item name to be updated (press Enter to Exit): zinc
Enter the new price: 300
Enter the new quantity: 5
Zinc has been updated
---Updating item---
Enter item name to be updated (press Enter to Exit):
1. Add new items
2. Remove items
3. Update items
4. Check Available quantity
5. Print treatment information
6. Exit

Enter your choice: █
```

{codezi//a}

```
{//}
```

```
1. Add new items
2. Remove items
3. Update items
4. Check Available quantity
5. Print treatment information
6. Exit

Enter your choice: 4
---Checking item quantity---
Enter item name to be checked (press Enter to Exit): kolanog
We have 2 Kolanog units
---Checking item quantity---
Enter item name to be checked (press Enter to Exit):
1. Add new items
2. Remove items
3. Update items
4. Check Available quantity
5. Print treatment information
6. Exit

Enter your choice: █
```

{codezi//a}

```
{//}
```

1. Add new items
2. Remove items
3. Update items
4. Check Available quantity
5. Print treatment information
6. Exit

Enter your choice: 5

---Printing treatment information---

Enter item name (press Enter to Exit): vitamin c

Item: Vitamin C

Price: 20 EGP

Quantity: 15 units

---Printing treatment information---

Enter item name (press Enter to Exit):

1. Add new items
2. Remove items
3. Update items
4. Check Available quantity
5. Print treatment information
6. Exit

{codezi//a}

{//}

```
Enter item name (press Enter to Exit):  
1. Add new items  
2. Remove items  
3. Update items  
4. Check Available quantity  
5. Print treatment information  
6. Exit  
  
Enter your choice: 6  
Have a nice day!
```

```
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},  
            }
```

{codezi//a}