

# Python HW #2

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**Name: CHRISTOPHER WELCH**

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1. Write the python statement that creates a list called myPackingList and contains the items “books”, “jacket”, “shoes”, “iPad”, and “shirt”.

```
myPackingList = ['books', 'jacket', 'shoes', 'iPad', 'shirt']
```

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2. Write the python statement that prints out the 2nd indexed value from myPackingList.

```
print(myPackingList[1])
```

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3. Write out the python statement that changes the value “iPad” to “socks” from myPackingList.

```
myPackingList[3] = 'socks'
```

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4. Write out the python statements that determines if the value “socks” is present in myPackingList and prints the message “Socks are packed!”

```
if 'socks' in myPackingList:  
    print("Socks are packed!")
```

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5. Write the python statements that creates a new list called myList and has 3 values of your choosing. Then write the python statements that join myPackingList and myList into a new list called myJoinedList.

```
myList = ["100", "200", "300"]  
myJoinedList = myPackingList + myList  
print(myJoinedList)
```

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6. Write the python statement that creates a new dictionary called myPhoneBook that contains 5 people’s names and phone numbers.

```
myPhoneBook = {'Fred' : 5551000,  
               'Red' : 5551001,  
               'Jed' : 5551002,  
               'Led' : 5551003,  
               'Ned' : 5551004}
```

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7. Write the python statement that deletes one of the 5 people's names and phone numbers.

```
myPhoneBook.pop('Fred')
```

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8. Write the python statements that loops through myPhoneBook and prints the contents to the console window.

```
for x in myPhoneBook:  
    print(x)
```

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9. Write the python statement that copies myPhoneBook to a new dictionary called myNewDictionary

```
myNewDictionary = myPhoneBook
```

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10. Write the python statement that adds a new person's name to myPhoneBook.

```
myPhoneBook.update(Pod = '5551005')
```