Python HW #2

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

myPackingList = ["books", "jacket", "iPad", "socks", "belt", "shirt"]

print(myPackingList)

Output:

['books', 'jacket', 'iPad', 'socks', 'belt', 'shirt']

2. Write the python statement that prints out the 5th item from myPackingList.

myPackingList = ["books", "jacket", "iPad", "socks","belt", "shirt"]

print(myPackingList[4])

Output:

belt

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

myPackingList = ["books", "jacket", "iPad", "socks","belt", "shirt"]

myPackingList[2] = "iPhone"

print(myPackingList)

Output:

['books', 'jacket', 'iPhone', 'socks', 'belt', 'shirt']

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

myPackingList = ["books", "jacket", "iPad", "socks","belt", "shirt"]

if "shirt" in myPackingList:

print("Shirts are packed!")

Output:

Shirts are packed!

5. Write the python statements that creates a new list called myNewList and has 4 different items from myPackingList of your choosing. Then write the python statements that join myPackingList and myNewList into a new list called myJoinedList.

myPackingList = ["books", "jacket", "iPad", "socks","belt", "shirt"]

myNewList= list(("books", "jacket", "iPad", "socks"))

myJoinedList = myNewList + myPackingList

print(myJoinedList)

Output:

['books', 'jacket', 'iPad', 'socks', 'books', 'jacket', 'iPad', 'socks', 'belt', 'shirt']

6. Write the python statement that creates a new dictionary called myPhoneBook that contains 7 people’s names and phone numbers.

\*wrong code\*

myPhoneBook= [

"Steven": ["number": 124-789-9821],

"Izuku": ["number": 777-775-8888],

"Walter White": ["number": 664-288-9999],

"BEEG YOSHI": ["number": 999-999-9321],

"Lugi": ["number": 333-222-1111],

"Woomy": ["number": 444-444-4453],

"Link": ["number": 456-560-0021],

]

print(myPhoneBook)

7. Write the three different python statements that all accomplish the same thing that deletes the last person’s name and phone number from the dictionary.

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

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

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