kyndryl

Python: Network Automation Chapter 2

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Agenda

✓ Data types: strings, numbers, booleans

✓ Variables and assignment

✓ Control structures: if else

✓ Print statements for debugging

✓ Networking Demo

Data types

Strings

Numbers
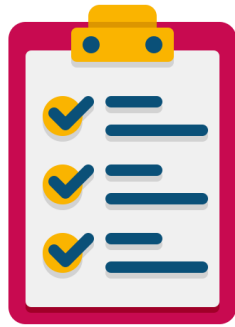
Booleans

Data types

Lists

Dictionaries

Question

What data type is "100" ?

❑ Integer

❑ String

❑ List

❑ Boolean

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Question

What data type is ["router", "switch", "server"] ?

- ❑ Integer
- ❑ String
- ❑ List
- ❑ Dictionary

Question

Which one of these is a dictionary?

- ❑ x = ["red", "2011", "Ford"]
- ❑ y = ("blue", "2012", "Toyota")
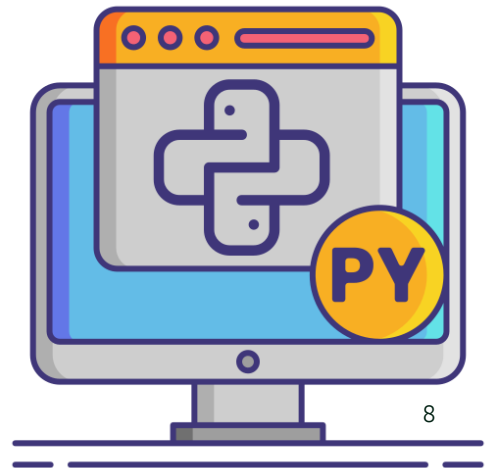- ❑ z = {"color": "green", "brand": "Honda"}

Control structures

If ... Else statement

```
if 10 > 9:
    print("Ten is greater than nine")
else:
    print("Ten is not greater than nine")
```

Question

What will be the result of the following code:

```python
x = 100
y = 1000
if x > y:
    print('Half')
else:
    print('Duplex')
```
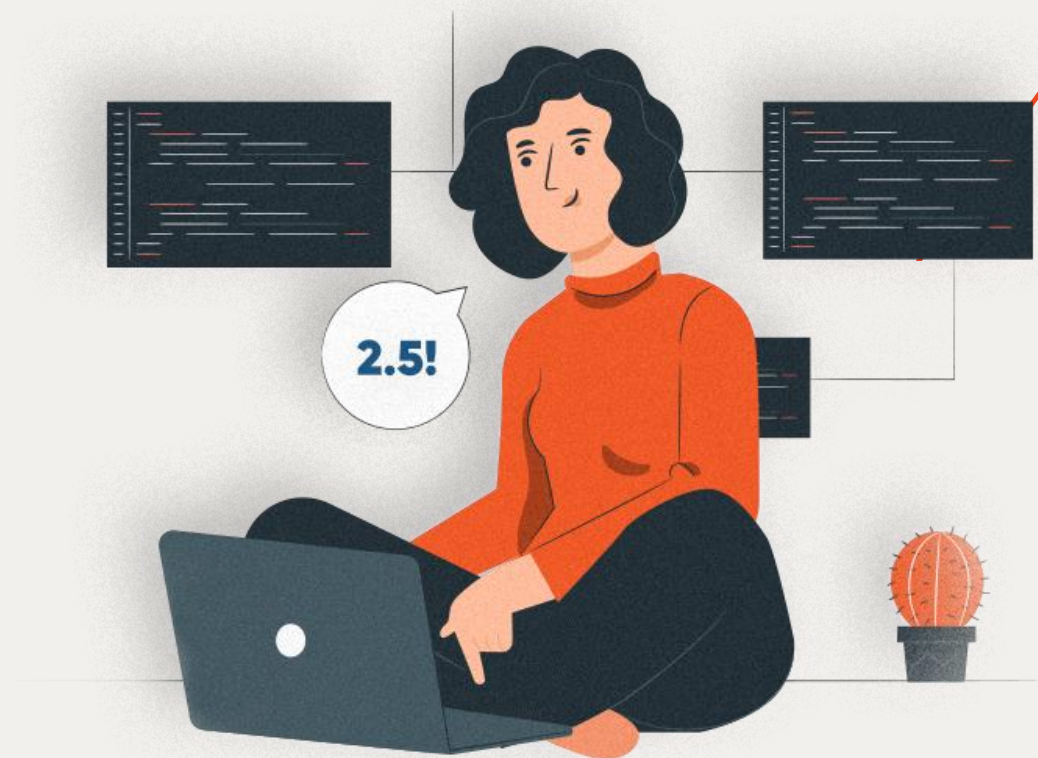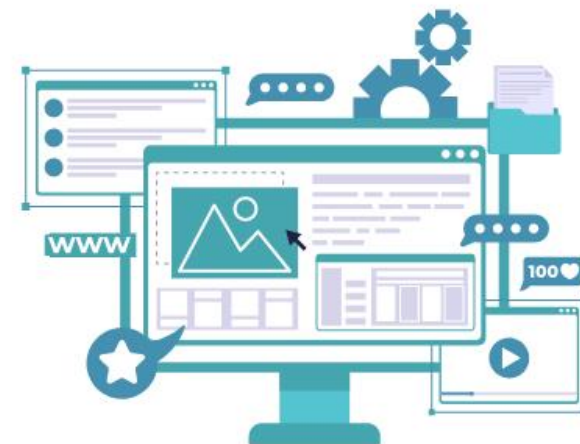
Question

What will be the result of the following syntax:

```python
names = ["Dan", "Carlos", "Sarah"]
print(names[1])
```

Demo

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Thank you