

Exercise - Python3 interpreter

Print out your name

Calculate 10^3

What is the type of “bee bop”? of “b”?

What is the type of “45”? ← notice the quotes!!!

What is the type of 45.2?

What is the type of 45?

Transcript

```
$ python3
```

```
>>> print("Aline N")  
Aline N
```

```
>>> "Aline N"  
'Aline N'
```

```
>>> 10*10*10  
1000
```

```
>>> 10**3  
1000
```

```
>>> type("bee bop")  
<class 'str'>
```

```
>>> type("b")  
<class 'str'>
```

```
>>> type("45")  
<class 'str'>
```

```
>>> type(45.2)  
<class 'float'>
```

```
>>> type(45)  
<class 'int'>
```

```
>>>
```

Exercise - Python3 script

Print out your name

Calculate 10^3

What is the type of “bee bop”? of “b”?

What is the type of “45”? ← notice the quotes!!!

What is the type of 45.2?

What is the type of 45?

test.py

```
1  """
2  Print different data types: int, str, and float
3  9/5/2018
4  Aline Normoyle
5  """
6
7  def main():
8      print("Aline N")           # prints my name
9      10*10*10                   # this executes, but doesn't print!
10     print(10*10*10)            # prints 10 cubed
11     print(type("bee bop"))     # prints the type of "bee bop" <class 'str'>
12     print(type("b"))           # prints the type of "b" <class 'str'>
13     print(type("45"))          # prints the type of "45" <class 'str'>
14     print(type(45.2))          # prints the type of 45.2 <class 'float'>
15     print(type(45))            # prints the type of 45 <class 'int'>
16
17     main()
18
```