

98-381^{Q&As}

Introduction to Programming Using Python

Pass Microsoft 98-381 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.leads4pass.com/98-381.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft
Official Exam Center

- ⚙ **Instant Download** After Purchase
- ⚙ **100% Money Back** Guarantee
- ⚙ **365 Days** Free Update
- ⚙ **800,000+** Satisfied Customers



QUESTION 1

DRAG DROP

You are writing a Python program to perform arithmetic operations.

You create the following code:

```
a = 11
b = 4
```

What is the result of each arithmetic expression? To answer, drag the appropriate expression from the column on the left to its result on the right. Each expression may be used once, more than once, or not at all.

Select and Place:

Results

<code>print(a / b)</code>	<code>print(a // b)</code>
<code>print(a % b)</code>	

Answer Area

2	<input type="text"/>
3	<input type="text"/>
2.75	<input type="text"/>

Correct Answer:

Results

<input type="text"/>	<input type="text"/>
<input type="text"/>	

Answer Area

2	<code>print(a // b)</code>
3	<code>print(a % b)</code>
2.75	<code>print(a / b)</code>

QUESTION 2

HOTSPOT

You are an intern for ABC electric cars company. You must create a function that calculates the average velocity of their vehicles on a 1320 foot (1/4 mile) track. The output must be as precise as possible.

How should you complete the code? To answer, select the appropriate code segments in the answer area.

Hot Area:

Answer Area

#Speed calculator

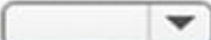
```
distance =  (input("Enter the distance traveled in feet"))
```

int

str

float

```
distance_miles = distance/5280 #convert to miles
```

```
time =  (input("Enter the time elapsed in seconds"))
```

int

float

str

```
time_hours = time/3600 #convert to hours
```

```
velocity = distance_miles/time_hours
```

```
print("The average velocity is : ", velocity, " miles/hour")
```

Correct Answer:

Answer Area

#Speed calculator

```
distance =  (input("Enter the distance traveled in feet"))
```

```
distance_miles = distance/5280 #convert to miles
```

```
time =  (input("Enter the time elapsed in seconds"))
```

```
time_hours = time/3600 #convert to hours
```

```
velocity = distance_miles/time_hours
```

```
print("The average velocity is : ", velocity, " miles/hour")
```

References: <https://www.w3resource.com/python/python-data-type.php>

QUESTION 3

DRAG DROP

Match the data type to the type operations.

To answer, drag the appropriate data type to the correct type operation. Each data type may be used once, more than once, or not at all.

Select and Place:

Data Types

int	float	str	bool
-----	-------	-----	------

Answer Area

type (+1E10)

type (5.0)

type ("True")

type (False)

Correct Answer:

Data Types

int	float	str	bool
-----	-------	-----	------

Answer Area

type (+1E10)

float

type (5.0)

float

type ("True")

str

type (False)

bool

References: <https://www.w3resource.com/python/python-data-type.php>

QUESTION 4

HOTSPOT

During school holidays, you volunteer to explain some basic programming concepts to younger siblings. You want to introduce the concept of data types in Python. You create the following three code segments:

```
# Code segment 1
x1 = "20"
y1 = 3
a = x1 * y1
```

```
# Code segment 2
x2 = 6
y2 = 4
b = x2 / y2
```

```
# Code segment 3
x3 = 2.5
y3 = 1
c = x3 / y3
```

You need to evaluate the code segments.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

	Yes	No
After executing code segment 1, the data type of variable <code>a</code> is <code>str</code> .	<input type="radio"/>	<input type="radio"/>
After executing code segment 2, the data type of variable <code>b</code> is <code>float</code> .	<input type="radio"/>	<input type="radio"/>
After executing code segment 3, the data type of variable <code>c</code> is <code>int</code> .	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

	Yes	No
After executing code segment 1, the data type of variable <code>a</code> is <code>str</code> .	<input type="radio"/>	<input checked="" type="radio"/>
After executing code segment 2, the data type of variable <code>b</code> is <code>float</code> .	<input checked="" type="radio"/>	<input type="radio"/>
After executing code segment 3, the data type of variable <code>c</code> is <code>int</code> .	<input type="radio"/>	<input checked="" type="radio"/>

QUESTION 5

HOTSPOT

You create the following program to locate a conference room and display the room name. Line numbers are included for reference only.

```

01 rooms = {1: 'Foyer', 2: 'Conference Room'}
02 room = input('Enter the room number: ')
03 if not room in rooms:
04     print('Room does not exist.')
05 else:
06     print("The room name is " + rooms[room])

```

Colleagues report that the program sometimes produces incorrect results.

You need to troubleshoot the program. Use the drop-down menus to select the answer choice that answers each question based on the information presented in the code segment.

Hot Area:

Answer Area

Which two data types are stored in the `rooms` list at line 01?

	▼
bool and string	
float and bool	
int and string	
float and int	

What is the data type of `room` at line 02?

	▼
bool	
float	
int	
string	

Why does line 03 fail to find the rooms?

	▼
Invalid syntax	
Mismatched data type(s)	
Misnamed variable(s)	

Correct Answer:

Answer Area

Which two data types are stored in the `rooms` list at line 01?

	▼
bool and string	
float and bool	
int and string	
float and int	

What is the data type of `room` at line 02?

	▼
bool	
float	
int	
string	

Why does line 03 fail to find the rooms?

	▼
Invalid syntax	
Mismatched data type(s)	
Misnamed variable(s)	

[Latest 98-381 Dumps](#)

[98-381 VCE Dumps](#)

[98-381 Braindumps](#)