

Trainee quiz: Python programming (Data Science)

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What symbol is used to denote comments in Python? *

1 point

☐ //

☒ #

☐ /*

☐ %

Which of the following is not a valid variable name in Python? *

1 point

- ☐ my_var
- ☒ 2var
- ☐ _var
- ☐ var2

What is the output of the following code snippet? *

1 point

```
x = 5  
y = 2  
print(x ** y)
```

- ☐ 10
- ☒ 25
- ☐ 7
- ☐ 32

What is the result of the expression $10 / 2$? *

1 point

- ☒ 5.0
- ☐ 5
- ☐ 2.5
- ☐ 2

Which of the following is not a valid comparison operator in Python? *

1 point

- ☐ ==
- ☐ !=
- ☐ <=
- ☒ ><

What is the output of the following code snippet? *

1 point

```
print("Hello" * 3)
```

- ☒ HelloHelloHello
- ☐ Hello3
- ☐ HelloHello
- ☐ 3Hello

What is the result of the expression 3 * "2"? *

1 point

- ☐ Error
- ☐ 32
- ☒ "222"
- ☐ 6

What is the output of the following code snippet? *

1 point

```
print(5 == 5.0)
```

- ☐ 1
- ☐ Error
- ☐ False
- ☒ True

x = 5 *

1 point

```
x += 2
```

```
print(x)
```

- ☐ Error
- ☐ 10
- ☒ 7
- ☐ 5

x = 10 *

1 point

```
y = 3
```

```
print(x // y)
```

- ☐ 4
- ☐ 3.0
- ☒ 3
- ☐ 3.3333

`print(2 ** 3)` *

1 point

- ☐ 6
- ☐ 7
- ☒ 8
- ☐ 16

What function can be used to convert a string to an integer in Python? *

1 point

- ☐ `str()`
- ☒ `int()`
- ☐ `float()`
- ☐ `bool()`

`print(10 / 3)` *

1 point

- ☐ Error
- ☐ 3.0
- ☐ 3
- ☒ 3.3333

Which of the following is the correct way to assign a value to a variable in Python? *

1 point

- ☐ x := 5
- ☐ x == 5
- ☐ 5 = x
- ☒ x = 5

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