

Hello World in Python

```
print( " Hello World! " )
```

Python Comments

Example 1

```
#This is a comment
```

Example 2

```
#This is a comment
#written in
#more than just one line
```

Example 3

```
"""
This is a comment
written in
more than just one line """

```

Python Variables

```
#code
x = "How old are you ?" #x is of type str
print(x)
#output
>>> How old are you ?
#code
x = 25 #x now is of type int
print(x)
#output
>>> 25
```

Python Data Types Examples

Example	Data Type
x = " Col or "	list
x = 1	int
x = 1.2	float
x = 2j	complex
x = ["Bl ue ", " Red ", " Ye - llo w"]	list
x = ("Bl ue", " Red ", "Ye llo w")	tuple
x = range(8)	range
x={" Age " :25 , "He igh t":1.72}	dict
x = {"Pi nk", " Red "}	set
x = frozen set ({"P ink ", "Re d"})	frozenset
x = True	bool
x = b"Co lor "	bytes
x = bytearray(8)	bytearray
x = memoryview(b yte s(8))	memoryview

Get the data type of x :

```
x = " Col or "
print( type(x) )
>>> str
```

Python Data Types

Text Type: str

Numeric Types: int, float, complex

Sequence Types: list, tuple, range

Mapping Type: dict

Set Types: set, frozenset

Boolean Type: bool

Binary Types: bytes, bytearray, memoryview

Get the data type of a variable "var"

```
type(var)
```



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