


# Summer 2020 Python Boot Camp

Lecture 1:

- Print function
- Input function
- Commenting
- Basic Data Types
- Type function

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## Print function

Used to print to console/terminal  
The print function takes an argument of arbitrary type and prints it out

Example usage:

```
print("My name is Kelvin")
```

Output to console:

```
My name is Kelvin
```

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# Input function

Takes a user input from the terminal/console and stores it in a variable  
It will **always** take the input in as a string

Syntax:

```
variable = input(optional prompt)
```

Example usage:

```
statement = input()
```

The contents of statement will be whatever the user typed in.

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# Basic Data Types

As we progress with the course, you will learn more data types but here are a few to get us started.

A data type is an attribute of the data that tells the Python interpreter how the programmer intends to use this data.

Numerical Types	Sequence Types	Other
<b>Integers</b>	Strings	<b>Booleans</b>
<b>Floating points numbers</b>	Lists	Dictionary (Hash maps)
Complex numbers	Sets	Tuple (Immutable sequence type)

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# Comments in Python

Comments are very helpful for your future self and other developers that may look at your code!

It is often very helpful to write comments so that your code logic can be readable. You can comment in Python using the pound symbol (#) also known as a hashtag.

Example usage:

```
# This is a comment!
```

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# Demonstration Time



Follow along on your own machine for best results!

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