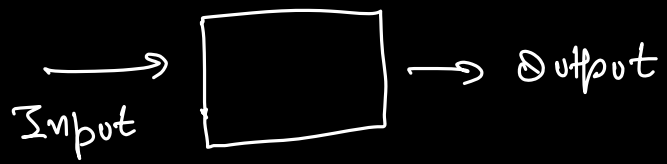




Python Built in Functions

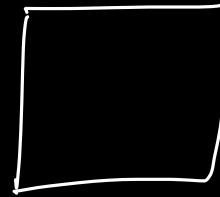
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$$f(x) = x$$



sqrt

print ()



Types Of Predefined Function Provided By Python

- **Python** has a very rich set of predefined functions and they are broadly categorized to be of 2 types
 - **Built In Functions**
 - **Functions Defined In Modules**

Built In Functions

- **Built in functions** are those functions which are always available for use .
- For example , `print()` is a **built-in function** which prints the given object to the standard output device (screen)
- As of version **3.6** , Python has **68 built-in function** and their list can be obtained on the following URL :
<https://docs.python.org/3/library/functions.html>

What Is print() And How It Is Made Available To Our Program ?

- `x = ("apple", "banana", "cherry")`
`print(x)`

How To Remove newline From print() ?

```
print("Hello User")
```

```
print("Python Rocks")
```

- If we closely observe , we will see that the 2 messages are getting displayed on separate lines , even though we have not used any newline character.
- This is because the function `print()` automatically appends a **newline character** after the message it is printing.

How To Remove newline From print() ?

- If we do not want this then we can use the `print()` function as shown below:

```
print("Hello User", end="")  
print("Python Rocks")
```


How To Remove newline From print() ?

- The word **end** is called keyword argument in **Python** and it's default value is `"\n"`.
- But we have changed it to **empty string**(`""`) to tell **Python** not to produce any newline.
- Similarly we can set it to `"\t"` to generate tab or `"\b"` to erase the previous character

Some Examples

1.

```
print("Hello User",end="\t")  
print("Python Rocks")
```

2.

```
print("Hello User",end="\b")  
print("Python Rocks")
```