

Python Input and Output

Python Output

We use the `print()` function to output data to the standard output device

In []:

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

In [4]:

```
a = 10
b=9
print("The value of a is", a,b) #python 3
print ("The value of a is "+str(a))
```

The value of a is 10 9

The value of a is 10

Output Formatting

In []:

```
a = 10; b = 20 #multiple statements in single line.

print("The value of a is {} and b is {}".format(a, b))    #default
```

In [1]:

```
a = 10; b = 20 #multiple statements in single line

print("The value of b is {1} and a is {0}".format(a, b)) #specify position of arguments
```

The value of b is 20 and a is 10

In [3]:

```
#we can use keyword arguments to format the string
print("Hello {name}, {greeting}".format(name="veera", greeting="Good Morning"))
name ="veera"
```

Hello satish, Good Morning

In [10]:

```
#we can combine positional arguments with keyword arguments
```

```
print('The story of {0}, {1}, and {other}'.format('veera', 'brahmam',  
                                                other='Mentor'))
```

The story of veera, brahmam, and Mentor

Python Input

want to take the input from the user. In Python, we have the input() function to allow this.

In []:

```
num = input("Enter a number: ")  
print num
```

In [9]:

```
a=("veera" , "brahmam")  
type (a)
```

Out[9]:

tuple