

# Input and Output

February 26, 2023

```
[1]: #Using Print to print out String  
print("This string is output to the screen")
```

This string is output to the screen

```
[3]: #Adding string and variable to print()  
x = 10  
print("The Value of x is ", x)
```

The Value of x is 10

```
[5]: print(1, 3, 7, 8)  
print(1, 3, 7, 8, sep="*")  
print(1, 3, 7, 8, sep="*", end("&"))
```

1 3 7 8  
1\*3\*7\*8  
1\*3\*7\*8&

## 1 Formatting The Output

```
[6]: x = 10  
y = 20  
print("The value of x is {} and the value of y is {}".format(x,y))
```

The value of x is 10 and the value of y is 20

```
[8]: print("I like {0} and also {1}".format("Tea", "Milk"))  
print("I like {1} and also {0}".format("Tea", "Milk"))
```

I like Tea and also Milk  
I like Milk and also Tea

```
[9]: #using keyword args to format  
print("Hi {name}, {greet}".format(greet = "welcome", name = "Marcelo"))
```

Hi Marcelo, welcome

```
[11]: number = input("Put your number: ")
```

Put your number: 10

```
[12]: number
```

```
[12]: '10'
```

```
[13]: type(number)
```

```
[13]: str
```

```
[14]: num = int(number)
      print(type(num))
```

```
<class 'int'>
```

## 2 Importing from SL

```
[16]: import math
```

```
print(math.pi)
print(math.e)
```

```
3.141592653589793
```

```
2.718281828459045
```

```
[17]: from math import pi,e
      print(pi)
      print(e)
```

```
3.141592653589793
```

```
2.718281828459045
```

```
[ ]:
```

```
[ ]:
```