









VS



DEFINING VARIABLES	
	
<pre>num1 = 5 name = "Preeti"</pre>	<pre>var num1 = 5 var name = "Preeti"</pre>

DATA TYPES			
			
• str	"Preeti"	• string	"Preeti"
• int	5	• number	5
• float	5.5		5.5

CHECKING THE TYPE OF A VARIABLE	
	
<pre>type(num1)</pre>	<pre>typeof(num1)</pre>

PRINTING A MESSAGE



```
print("Is is a number:", num1)
```

JS

```
console.log("Is is a number:", num1)
```



ADDING A COMMENT







```
# It a Python Comment
```



JS

```
//It is JavaScript Comment
```

MATHEMATICAL OPERATIONS			
			
• Addition (+)	5 + 5	• Addition (+)	5 + 5
• Subtraction(-)	5 - 5	• Subtraction(-)	5 - 5
• Multiplication(*)	5 * 5	• Multiplication(*)	5 * 5
• Division(/)	5 / 5	• Division(/)	5 / 5
• Modulus(%)	5 % 5	• Modulus(%)	5 % 5

LOGICAL OPERATIONS	
	
and	&&
or	

CONDITIONAL STATEMENT	
	
<pre>if(condition): #CODE HERE</pre>	<pre>if(condition){ //CODE HERE }</pre>
<pre>if(condition): #CODE HERE else: #CODE HERE</pre>	<pre>if(condition){ //CODE HERE } else{ //CODE HERE }</pre>
<pre>if(condition): #CODE HERE elif(condition1): #CODE HERE elif(condition1): #CODE HERE else: #CODE HERE</pre>	<pre>if(condition){ //CODE HERE } else if(condition1){ //CODE HERE } else if(condition2){ //CODE HERE } else{ //CODE HERE }</pre>

FUNCTIONS	
	
<pre>def function_name(parameters): print("")</pre>	<pre>function functionName(parameters) { }</pre>