Bitwise Operators

```
"Bitwise operators are always used to perform the operation on
[bi]nary digits[ts] ""
x=10 #1010
y=11 #1011
"bitwise and & will work as same as logical and
         0 like False 1 like True
1010
1011
1010"
a=x&y
print("x&y ?: ",a)
"bitwise or | will work as same as logical or
         0 like False 1 like True
1010
1011
1011"
a=x|y
print("x|y?:",a)
"' bitwise xor ^
      it will returns 1 if both bits are different
         0 like False 1 like True
1010
1011
0001"
```

```
a=x^y
print("x^y ?: ",a)

"" Left shift operator << ""
a=10
r=a<<2
print("a<<2 ?: ",r) #40

"" right shift operator >> ""
a=10
r=a>>2
print("a>>2 ?: ",r) #2
```