Python Basics

> printing statement -> Doco

-> data types

-> ef else , a unitions

-> Loops , anestions

Camel Case
Method to name identifiers

eg:- totalCount

noOfGifts

Python print

end > by what a print statement ends
sep(,) -> value for sep



Python data types

Text Type:

Numeric Types:

Sequence Types:

Mapping Type:

Set Types:

Boolean Type:

bytes, bytearray, memoryview Binary Types:

None Type:

Hashtables ?

Int

range -2147483648 through 2147483647

Hodulo (°/-) 0 % 0 1 % 4 -> 1 2 % 4-12 Elgnificance of %/0 3 % / 9 4 - 3 by It do the number which signifies the entre value sequioued to subtracted from the given number so as to make it divisible 43/3470 8 % 4-17 6 3/2 1-12 [7→ [(†(↑) 691 7 3/1 7 7) 173/34-1/2 8 3/, 4 - 0 8+6=8 e'1.4=(0)

storings (s) " Aadityay s[o] -A slicing

s[o: 4] - Aadi

[s:e] - [s,e) s[z,0] - dity

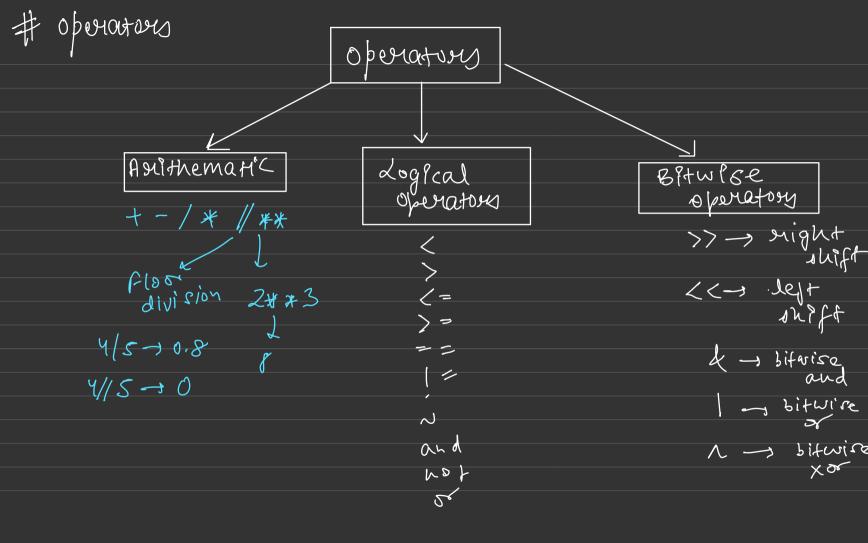
```
# Conditionals

Pf, else, ellf

Syntan:

Pf(/* condition
```

```
of (/* condition */):
    Mbody or block of Ef
 elf (/* condition */):
     // body of elff;
else:
```



take two numbers, prent manimum among them Maximum: 20 take three numbers, print manimum among Man among 20 4080:50 2 P 40 90 among 20 40 49; 40 man

```
a = int(input())
b = int(input())
c = int(input())

if a >=b and a >=c:
    print("Maximum among", a, b, c, "is", a)

o(if b >=a and b >=c:
    print("Maximum among", a, b, c, "is", b)

elif c >=b and c >=a:
    print("Maximum among", a, b, c, "is", c)
```

40 40 30

else:

Jake celcius as input & perint its coursespondin farhenheit

Operator priecedence & associativity

what is an enpression?

It is collection of operands & operators.

eg: (4 * 2) *** 6

3 * 2 + 12/6

Table for precedance

Precedence	Associativity	Operator	Description
18	Left-to-right	()	Parentheses (grouping)
17	Left-to-right	f(args)	Function call
16	Left-to-right	x[index:index]	Slicing
15	Left-to-right	x[index]	Array Subscription
14	Right-to-left	••	Exponentiation
13	Left-to-right	~ _X	Bitwise not
12	Left-to-right	+x -x	Positive, Negative
11	Left-to-right	* / %	Multiplication Division Modulo
10	Left-to-right	+	Addition Subtraction
9	Left-to-right	<< >>	Bitwise left shift Bitwise right shift
8	Left-to-right	&	Bitwise AND
7	Left-to-right	٨	Bitwise XOR
6	Left-to-right	1	Bitwise OR
5	Left-to-right	in, not in, is, is not, <, <=, >, >=, <>, == !=	Membership Relational Equality Inequality
4	Left-to-right	not x	Boolean NOT
3	Left-to-right	and	Boolean AND
2	Left-to-right	or	Boolean OR
1	Left-to-right	lambda	Lambda expression

& Associativity
Higher

3 x x 2

10 West + -

Take the valary of 3 people & print 3/p < 3 - sal process - arg - a+b+c olp - print avg

Hunput() tonsole Staring If doc storling L) description _____doc__ int (input())
floot(input())

Comments

These are lines for developer.
— Compiler Interpreter ignories these

Single line of His

Multillpe Ilpe - una Hi

109 98 Higheat: 100 Percentage: 97.66 n = il; even egt 2 q eve a