	30th Jan
	Fege No.
	Phython Basies:
*	variables. In phython or in any programmi-
	ng language we store data in form of
	Variation
	eg: a=10 < input (a is veriable) and
	a + calling a press shift tentor or
-14	short-cut to run code in jupeternote book use
*	(shift t enter) or run button.
	se (iti) sunt fauri co
×	Phythen is a programming language that
	SUPPORTS SUMPHING IS a code of
	rithen by without following any oop conce-
	pt)
-20	by the I larguage that means by
^	Python is self-typed language that means py-
	then system automatically get to know the datatype of veriable decleared.
	001 0=10
(.	here dateltype of a is int.
*	To check type of data veriable:
ey!	type (a) a = inbuilt fun to meditype of residble. The control of
	1) int de D (5) n= True (5) should be capital
	int (5) n= True (1)
1 1	(2) sudh = "sanjana" type(n) type (sudh) bool (boolean)
3 11033	type (sudh) Type (sudh) Type (sudh) Type (sudh) Type (m) Type (m) Type (m)
	@ d- [1,2,3,4] , type (m)
	@ d = [1,2,3,4] type (m) bool
	type(a) Dist Dist Ciphanda tousiel
	a = 1.23 (internally true is)
	(9) d=1.23, type(a) 4 False is 0) so 1+0 is 1 ie. (n+m)=1,
	7 Hoat

Hote OIF we divide any no by zero (0) of we as in
Hote: OIF we divide any no by zero (0) of we have in python it will give us division by zero
Ozn numpy module in python it will give inting
Operators:
(1) Arithmetic Operators:
O Addition (+)
(i) d=10, b=11
d+b
(ii) true + false (true always stores 14 false=0)
(a)
(ii) true + true (1+1) = 2
b) 2
2) Substration: (-) (4) Division (1):
d=10, b=10 d=10 b=2
$\frac{d-b}{b}$
(a) Multiplication: (x) (5) Moduly (01):
a=10, b=10 a=10 b=3
d*b 100 D 100 D 1 Cremainder
100 (remainder)
(2)
(2) Comparison Operators
(greater man) (3) >= (treater man equal h)
a=10, $b=2$ $a=10$ $b=10$
a>b y += b
4) true 1) thue
2 < (less than) (4) <= (Less than equal to)
d=10 b=12
true Detrue
The Street
4=10 p=2 (equal to)
a=10, b=11
La false
Halse d==b Halse.

	The state of the s
Hote:	While defining complex no. always we (jor J)
	instead of i.
(3)	Assignment Operator: (=) d=10, b=11 d=b (nere we have assigned value of b to a).
*	defining complex no. in python: V = 5 + 4j type(v) 5 complex.
h)	