3/08/2024	
MIWIPS Day I	
MIWIFS Day 1	
Python	
10	
Boolean variables:-	
Boolean Voriable is	
Decicul Official 13	
consist of two values "True" and	
Falx".	
If want to change	
Af we want to change wisher to Bool then we only have to apply function Bool wariable	
type and Bool then we only	
Dave to apply function Bool ( ) variable)	
Boolean and logical operators.	
List variables:	
lists are delined as	
LISTS OF DESTRIES AS VAIVES	
Lists are defined as values in Square brackets[].	
slent) function used for the Size of lis	-
- Flent) function used find the Size of lis	L
=>Append:- Append() Should add value in	
end of the list	
Example: a Append ( 11 Tayoor 11)	
John Here Is a wind if we	
- and here is a thing if we wont to start nested istoop then	
A A A H	
We can also do like this.	
Apperiate C[" Toyaod, "Ali ")	

WING CO
MTWTF3
Slicing: Slicing is used as indexing
If we want priht ar occess
middle values of the
Example: a=[1,2,3,4,5,6,7]
Print (a[2;6])
then it will print [3,4,5,6]
: is used for slicing
=> Indexing: to get access of any
Single Ander of list we goe Indexing
Example: Print(a[2]) Result is = 3
= 3nsert():- To add value on Specific
index then we use Insert() Instead
of Appendi.
Example: -a.Insert (1, "Ali")
0= EL, Ali, 2,3,4,5,6,7)
=> PoPc):- This function is used to
delete last value from list.
- County:- Count is used to
get lenth af given elements - In ly-

MIWIFS Sets-A Set is an unordered collection onto type that is Sterable, mutable and diplicate elements to define a variable as set usezz > Set Indexing: There is no Indexing => add ():- This function is add value in the end of the Set a= {1,2,33, b= {1,2,3 a.adol ("Taypor") Then a= {1,2,3, Tayour } => difference() - This function is used Set that are not common example: b. difference (a) gives ? Tayour ? => Intersection () = This function is used to get volve b/w two sets are Common example: b. intersection (a) gives {12,33

MTWTFS	رخ:
Dictionary	
A distionary is a colle	ection
which is unordered changeable and	
indexed dictionaries are written	with
Civily brackets and they have	keys
and values.	
Example Students= & "Student 1": "Ahme	dli
"Student 2": "I'm ran	
11 student 311: 19 nom et	3_
⇒ Simple Indexing: - we can get our	
value from Dictionaries by giving &	eys
e-q: Sta [Studenti] gives I gnom!	
=> loop Indexing: We can get our	Key
from dictionary by giving  example: for x in a:	loop
example: for x in swent	
Print cx	
gives Reys only: Student 1 Student 2	
S Cuolent's	
and for retreiving values	
example for x in to value():	
print ex	

M(T)(W)(T)(F)(S)	
It gives Ahmed	
Amyon Anam	
for both key and values we use	
for both key and values we use for x in a items():	
Print (x)	
gives C'studently ! Ahmed!)	
('studentz', gmvan')	
('s tudents', 'mam')	
= Adding nevelements =	
Student[ Btudent 41] = Tayoox	
> Nested dictionary: - we can also	
use a nested dictronary techniques.	
to indictionary key as a dictionary	vy
. Tuple:-	
We cannot change the value	
of Tuple Tuple is created by round b	vack
= Count():- Used to count values in	$\mathcal{O}$
Taple	
=> index (E):- 9t will give the address	
of value in tuple	