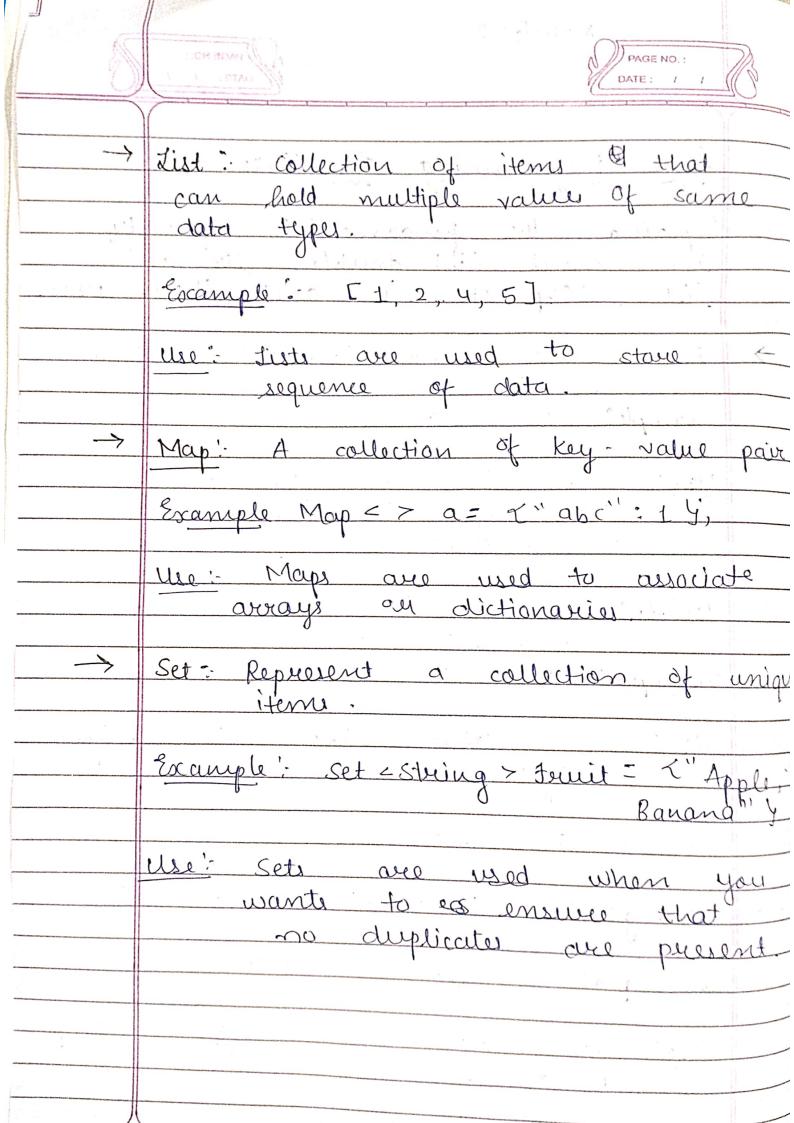
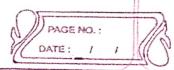
Module: 2

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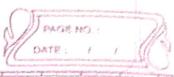
The same of the sa		
and a single-state of the	Daut Puggamming Essentials	4
AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	The state of the s	
	Explains the fundamental data in Dart (int double, string, list, Map etc) and their	types
	in Dout Cint, double, string,	0.
	list, Map etc) and their	uses.
$\rightarrow$	int: whole number (without dec	imal
	Example: 10, -5, 100.	
	Example: 10, -5, 100	
	The to good to constant on A signal	
	Use: - when we want to store	numbers
	like age, quantity, mar	ki etc.
	int mänks = 20;	
>	double: Decimal numbers (number	1.22
		WITL
	Example: 3.14, -0.5	1
	17 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The state of the s
	Use: - For Values like puice	height.
• ,	useight etc.	7
	0 0	The state of the s
-	double h = 3.25;	
7 22-1	to the desirable of the state	
$\rightarrow$	String: A sequence of characteres	(text).
	Example: "abc", "welcome".	
Average Averag	11101- 70 61-	
	Use! To store names, meg o	e any
	nuru of that	The state of the s







2.	Describe control structures in Do	vrt
	with example.	1
$\Rightarrow$	Control Structure allows you to	0
<i>p</i>	control the flow of execution	
	in Daut Perograms	
हा । जाउ		
<del></del>	Here are some common contra	
	stuictures:	
	J. Cillanina A.	:
	if:	
2s	Excecute a block of code if	Ful .
	CONCOUTION	
	Example:	
je - ka	if (age >= 18)	
	1 2 har alinking	
vi	peint (" you are adul-	·')
-	"Y o'i trainer	
• ,,	else:-	
'	Execute a block of code	4
	the condition in it st	atement
alke	is false.	
	Example:	
	Example: it (age 7=18)	
	2	
	puint (" adult").	
_	4	
	else	
-		\ /·



	1111
	puint ("minor");
•	Room four loop:
	A loop print itorates a
	A loop specif iterates a specific number of times.
	specific nurroes
	Example?
	for(inti = 0', 165, 1+t)
	for(inti = 0; i< 5; i+t)  { print(i); }
	while:
	A loop continues à long as
	A loop continues as long as
	Example: aut c=0
	while (c < 5)
·, · ·	White ( 2 = 3 )
	puint (c);
	C++
	4
9	switch:
-	A contral statement that aller
	you to execute different block of
	you to execute different block of code bused on value of a vaniable
	Comment of the Commen
AND THE PROPERTY OF A STATE OF A	

OATE: / /

Carmple. Sleeing days "Monday"; switch (day) Couse? "Monday": privati Start of the week"? break',

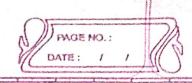
cased 'Friday''!

print 'End of the deck');

break', defaull! peint ("Midureak"); 3. Explain object ordered programming concepts in David. Dand is a object oriented programming language, which moons do it were objects and classes to see structures a Tode. Class: class is a bluepoint of for creating object ! A class contains fields (attributes) and

methods (functions).





Describe aux asynchronous programming in Dout, including Future, asyne,
in Dout, including Future, asyne,
wait, and Stream
Davit provides a supposit for.
aumcheronour buonammena uhich
allanes you to perform tarks
Dart provides a supposet for asynchronous programming which allows you to perform tarks without blocking the main
thread.
future:-
future:-  Represents a value that may be available at some point in future.
be available at some point in
future.
asynci:
to define an an asynchronous function. It enables the use
function. It enables the use
of "await" keyword within function
await:
execution of an asyne function until the future Completes
until the luture complete