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/	Chapter 1: Modules, Comments 2 pip
	The Alle Faladia (All Carlos Carlos All All All All All All All All All Al
	Lets write our very first by thon program. Create a file called hello-by and paste the below code in it
	Create of file colled hello the and baste the
1	below and in it
	WWW WWW I'V
	print ("Hello World") -> print is a function (More later)
	The thirty of the transfer of the strangers
	Execute this file (by file) by typing bython hello by and you will see Hello World printed on the Screen.
	and you will see Hello World printed on the
inali)	Screen.
71	2 Amily rather water a sure of the
	Modules
	A module is a file containing code written by somebody else (usually) which can be imported and used in our programs
	by somebody else (usually) which can be
	imported and used in our programs
LAL	A BOURNA SALE OF THE SALE OF T
	Pip
	Pib is the backage manager for buthon
	Pip is the package manager for python You can use pip to install a module
	on your system
	pip install flask installs
	flask module.
	Types of modules
	Types of modules
1-	There are two types of modules in Python Built in modules -> Pre installed in python External modules -> Need to install using pip.
17	There I made the state of the interest of the state of th
22	FATIVIOUS - Need to install using bib.
12.	Same examples at hill is said to as
	Some examples of built in modules are tensorfow, flork ek.
	some columptes of caternal modules are tensorfow, flask etc.

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	Using Python as a Calculator We can use python as a calculator by typing "python" + I on the ferminal This opens REPL or Read Evaluate Print loop
	We can use python as a calculator by
	typing "python" + I on the terminal
1	This opens REPL
	or Read Evaluate Print loop
1	·
avol	Comments a trive - ("block allott) trive
	Comments are used to write something which
1913.	the programmer does not want to execute.
BH	the you will see Help World granted on
	Comments Comments are used to write something which the programmer does not want to execute. Lean be used to mark
	author name, date ck.
	The Allubol's
	Types of Commentsoins and a superintent
	There are two types of comments in rython
17	Single line Comments -> Written using #
27	Types of Comments There are two types of comments in Python Single line Comments - Written using ## Multi line Comments - Wrillen using !!! Commend !!!
	Pib is the backage manager for by hon
	abstract State Design did & Design Holle mobiles
	averting Real ?
	Tapes of modules
	Trave are two tibes of modules in Prihan:
	to Built in modules in the willest of
	de mist. Doing of hools on deliberty largery to
1	I forme examples it finish in includes into as it
- 4,	Love examples of distribution in the beautiful 12

	Chapter 2 - Variables and Datatypes
ile	A variable is the name given to a memory location in a program for example
Quis	1 Habert
prafeson	C = 71.22 Keywords = Reserved words in Python Identifiers = class (function / variable name Primarily there are following data types in Python To the control of the c
17 27 37	Integers have at many and many some types in Python Floating point numbers to make the second of th
4,	None is molders in matter marroard and lade
	Python is a fantastic language that automatically identifies the type of data for us.
	a = 71 ⇒ Identifies a as classint> b = 88.44 ⇒ Identifies b as class < flat> name = "Harry" ⇒ Identifies name as class < 5tr>
→	
→	A variable name can only start with an alphabet and underscore.
\rightarrow	A variable name cant start with a digit No while space is allowed to be used inside
→	No while space is allowed to be used inside a variable name.
	· · · · · · · · · · · · · · · · · · ·

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	Examples of a few variable names are
	tramples of a few variable names are: harry, one8, seven, _seven etc.
	Operators in Python
77 3	tollowing are some Common oberafors in Puthon.
17	Hrithmetic operators => + - + / etc.
3,	Assignment operators $\Rightarrow = , + = , - = ek$. Comparison operators $\Rightarrow = = , > , > = , ∠ , ! = ek$.
4,	Logical operators => and, or, not
	a storm total limit to market
	type () function and Typecasting
	type () function and Typecasting type function is used to find the data type of a given variable in Python.
	in ignore in 197 non-
1	Q = 31
	type(a) => class <int></int>
	b = "31"
	type (b) => class 25tr>
	01
	A number San be converted into a String and Vice versa (If possible) There are many functions to sonvert one data type into another
	There are many functions to convert one data type
	into another
	Str (31) => "31" => Integer to String Conversion
	int (" 32") => 32 => String to by trang conversion
	5tr(31) => "31" ⇒ Integer to String Conversion int("32") => 32 ⇒ String to Integer Conversion float (32) => 32.0 ⇒ Integer to float Conversion
	•
	oss and so on
	Here "31" is a string literal and 31 a numeric literal.
	J. J

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	Injute) function This function allows the user to take input from the keyboard as a string
	This function allows the user to take input
	from the keyboard as a string
The state of the s	a = input (" Enter name") => If a is "harry" the
	iser entered harry
	10 = - = 1 = Estiminent operations => = 1 = 1 = 1
. 1	It is important to note that => If a is "34" us the output of input is always entered 34 a string (even if the number
	the output of input is always enlered 37
	a string (even if the number
	is entered) privancial boro non-anal dady
40	idea report of profit of wondered bodies
À	a great jourable in Petrion
	3 1 2 - 10
	Lubela) => (lass sints
	The contract of the same
34.	1/3/1/
	Lube 16 1 = 1 class & Strong
1	A guarde a dain be converted into a string a
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A E	here are many functions to convert one
	not one on
	The state of the s
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131	the special of many to the termination of the second secon
141	the world of the property of the second of t
	Miss out Wild one
	that I see story blood and 31 destroyers bearly
	and described to the 142

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	EUGE -
5,	String find (word) - This function finds a word and returns the index of first occurrence of that word in the string.
6,	String replace (Oldword, newword) - This function replaces the oldword with newword in the entire string.
	Escape Sequence Characters
1	Escape Sequence Characters Sequence of characters after backslash > Escape Sequence characters
	THERAIL TO I CO HOUSE TO I I PARTY CHARACTERS
, , , , , , , , , , , , , , , , , , ,	Escape sequence character comprises of more than one characters but represents one character when used within the strings.
	characters but represents one character when used
	Within the strings.
A without	conce of the mark's action accompany to the conce
	Examples in it was etc.
	Examples \n, \t \ etc. newline Tab Singlequok backslash.
do N	12 Call Sunchan - This lanction returns the know
10 141	price and particular to the state of the sta
	Autor and
	cont" Haran") - + minore 5
	CA-P HOUSE T A SUCH ST. IN SEC.
3,48,1740	is strong enotion to ("884") - This function tells
40, 'V	es " brough ref. represent spiles through syl.
91	or stand is " wheath " is courted to
	the state thank coop unto say
- AND ARROW	3- Stand count (c) - locate the total summer of
	of any paracter
Taris	all andoles bendered in a contract pour
- 1	Line of the matter section of the section sect
N.	
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