	Chapter 2 - Variables and Datatypes
ille	A variable is the name given to a memory location in a program for example
Song	Q= 30 Variables = Container to Store
preferm	C = 71.22 Keywords = Reserved words in Python Identifiers = class function/variable name Pata Types Primarily there are following data types in Python To teners
+6 12	A LINICION A TREND OF MARKED ON MONTHS AND AND THE
27	Floating point numbers 20 miles white
37	Skings limit makes thinker made and ra
4,	Booleans
5,	None it instance in notion margory all sale
	Python is a fantastic language that automatically identifies the type of data for us
	a = 71 \Rightarrow Identifies a as classint>
	b = 88.44 => Identifies b as class < float > name = "Harry" => Identifies name as class < 5tr>
· →	Rules for defining a Variable name -> Also applies to other Hutylers A variable name can contain alphabets, digets and underscores.
→	A variable name can only start with an alphabet
	1 WATEL 10/1000/03W17 ·
→	A variable name can't start with a digit
→	A variable name cant start with a digit No while space is allowed to be used inside
	a variable name.

	Examples of a few variable names are:
	tramples of a few variable names are: harry, ones, seven, seven etc.
	ORDE LAST Arrendered by the Police
	Operators in Puthon
4	following are some common oberafors in Puthon.
7	HYITHMETIC OBERATORS => + - + / et.
27	Assignment operators \Rightarrow = , + = , - = etc. Comparison operators \Rightarrow = = , > , > = \(\neq \), = etc. Logical operators \Rightarrow and, or, not
3,	Comparison Operators => == > >= \(\) = et.
4,	Logical operators => and or not
	polynom by himself of the
	type () function and Typecasting type function is used to find the data type of a given variable in Python.
	type function is used to find the data type of
n.	a given variable in Python.
	. 0
	a = 31
7	type(a) => class <int></int>
	1
	b = "31"
	type (b) => class 25tr>
+	A number can be converted into a string and
	A number San be converted into a string and Vice versa (If possible) There are many functions to sonvert one data type into another
\top	There are many functions to convert one data tube
	into another
	VV
	Str (31) => "31" => Integer to String Conversion
	Str(31) => "31" => Integer to String Conversion int("32") => 32 => String to Integer Conversion
-	float (32) => 32.0 => Integer to float Conversion
_	
_	os and so on
	Here "31" is a string literal and 31 a numeric literal.

function allows the user to take input
the keyboard as a string input () Sking entered