	-Prabodh-
	Chapter -12 DATE:
	Advanced Python1
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	Exception Handling in Python
	Exception Handling in Python There are many built-in exceptions which are
	raised in Python when something goes wrong.
	exception in python can be handled using a
	exception in python can be handled using a try statement. The code that handles the
_	exception is written in the except clause.
_	
-	try:
-	# code which might
	except Exception as e: throw exception
1	emnt(e)
	111
	When the exception is handled the code flow
	continues without program interruption.
	We can also specify the resception to eatch
	like below:
	Tire verba , some do har be a long to the second of the se
	1ry:
	#code
	except ZeroDivision Error:
	# code
	except Type Error?
	#code
	except:
	# code -> All other exception are
	handled here.

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Raising Exceptions
He can raise custom exceptions using the raise
keyword in python.
try with else elause
sometimes we want to run a piece of code
when try was successful.
ted:
ex # code
except:
#code
else: # code -> This is executed only if the
try was successful.
try with finally
Python offers a finally clause which ensures
execution of a piece of code irrespective of
the exception.
try:
Some code
except:
some code
finally.
some code - executed regardless of
easor!

if -- name -- == '-- main -- in Python -- name -- evaluates to the name of the module in python from where the program is ran If the module is being run directly from the command line, the __name__ is set to string "__main__". Thus this behaviour is used to check whether the module is run directly or imposted to another file. The Global Keyword is used to modify the variable outside of the cyrrent scope. Enumerate function in Python. The enumerate function adds counter to an Herable and returns it. for i item in list1: haloprint (i, item) Le points the items of list1 with index ! List Comprehensions List comprehensions is an elegant way to create lists based on existing lists 1is+1 = [1, 7, 12, 11, 22]lista = [i, for item in list 1 if item>8]

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	Practice 8et
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Que 1	Write a program to open three files 1.1xt, 2.1xt
	and 3.1x1. If any of these files are not present, a
4-1-8	message without exiting the program must be printed prompting the same.
	printed prompting the same.
m a	11 0 CCI
Wye 2	Write a program to print third, fifth and seventh
	element from a list using enumerate function.
M., 2	Illanta a l'est a manufacturais de contra l'est alaigh
WU0.3	Idrite a list comprehension to print a list which contains the multiplication table of a user
	entered number.
Que 4	Idrite a program to display alb where a and be are integers. If b=0, display infinite by handling the zero Division error.
	are integers. If b=0, display infinite by
	handling the zero Division error.
Que 5.	Store the multiplication tables generated in Problem 3 in a file named Tables.txt.
	3 in a file named lables. Txt.
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