tosking in python. :Alm: To implement exceptions & execeptional handling in python. Algorithm: 10 Start the program. 2. Intializes a list of grades [85,90,78,92,88] 3. prompt the ceser to enter index of grade wish to view. U. Attempts to display the grade of the specified index. 5. It the Index is out of range, Catches the Index. Error and print on error message. AFinitialize the list out grades. grades = (85,90,78,92,88) # Display the grades list print ("Grades list: , grades] # prompt the leser to enter the index at grades want to try! index = int (input Enter the index of the grale At Attempt to display the grade at specified index except Index error: At Handle the case there the index is Cut rage print ("Invalid range please enter a valid except value Error: H Handle the case where input is not an integer print Invalid input please enter a numerical Result: theis, the conogram in python Emplement Exceptions and Exceptional handling in executed and velitted successfully

Greek (control

Output:
Grades list: [85,90,748,92,88]
Enter the index of the grades you
want view: 10
Invalid index please enter a valid index

	EX NO.
9	
	VIVA VOCE (3)
	RECORDING
	TOTAL (15)
	SIGN WITH DATE

Successfully executed & output was

Ami- 10 develop a python Calculator program that performs basic arithmetic operations.

Algorithms? 1. Start the program

2 prompts the user to enter two number a numerator and a denominator

3. Attempt todivide the numerator by flue denominator.

U. If the denominator is zero Catches the zero division error and display an error message: 'Error: Division by zero is not allowed.

program:
#function to perform division

def divide-numbers():

#prompt the lesel to enter the numerator numerator = float ("mput ("Enter the numerator:"))

prompt the user to enter the clenominator denominator = float ("mput ("Enter the clenominator the Attempt to prestorm division result = numerator (denominator print (f" Result : gresult 3")

execpt 2000 division error

Handle division by Lero error.

print ("Error: Division by Lero error.

output:

Enfer the numerator=10 Enter the denominator =0
Error!

Legenter to desire a biddina contrate.

indument part survey some margones

Error! Division by zero is not allowed. givision enter and display an eases message.

E-6: 4501-

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OPERasions.

property out the property

output! Grades list: (85,90, 78,92, 88) Enter the index of the grade you want to view: to

Invalid Error i please enter a valid index.

memoration of land (Penge (But of the newser rations)) मा कारणार्क मार महा महाराम में के दिल्ल में कारणार में कारणार में कारणार में कारणार में कारणार में कारणार में

denomination: How (Former the demonstrates

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C. E. Horsolf: Jacourt) Just

exects sopialog and fasts

Mellowellte officialists and geon it

Cipinal Cours, Operation ph 3000, 12 sale defective?)

Except value Error:

HHandle "malid input that is not a number print ("Error: please enter valid numbers".)

H Call the function to execute the division operation divide-number ()

Server of the process of the server of the s

Result. Thus the program of Python calculator has been executed successfully.

Atron- 40 implement exeption and exceptional handling to Determine if a person is eligible to vote. Algorthmi 1. Define the Custom exception 2. prompt the leser for imput 3. check if the age is below 18. 4. Paise an exception of the constonier error messsage. program: # define python user-defined exeception (exception): "Paised which the input value is less than 18" "you need to guess this number. Mymb8 = 18 input-nun-in-t (input ('Enter a number:') if input - num Inumber raise Invalid Age Execution printf("ling ble to vie") except Invatid age Reception. print ('Exeption occoured Invalig sage Result: Thes the program for implement exeption and exceptional handling is executed and verified successfully.

Oceffect" Enter a number: 15 exception occured invalid age.

the three the program of pythion

- 1034 133 3 5 3 C1356 LEAT

to the forward of that that is not entered as the

(Exemple of copy services of summers) 3445

the Call that function to consults the described

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CI HOBITET CENTRE - THENDER ()