lash 9: Implement expectional handling in pytho q. 1 you are developing a python program that processes a list of students grades - The program re designed to allow the user to soled a grade by specifying an in index number Algorithm 1. start the program 2. Intialize a list of grades 3. Prompts the used to enter the index of the grade they wish to view. 4. Altempts to display the grade of the specified ender broduow :-# Pratialize the list of grades grades= [85, 90,78,92,88] # Display the grades list print ("Grades List": , grades) # prompt the user to enter the Ander of the grade they want to view Pridex = Post (Popul ("Enter the Andex of the grody try: they want to view index = ent Cirput ("Enter the index of the grade you want to view: ") of Attempt to display the grade at the Specified Endex Bring Ct. We drage at judge Eugering : (andes (mdex) }") except indox enough

Handle the case where the index

is out of range

print ("Invalid index - Please enter a valid

endex.")

except value error:

Handle the case where the input

is not an integer

print ("Invalid input - Please entera

(moded index of the grade your months of the grade your low hold index of the grade your

1 air you are developing a python Calculato program that proforms basic asithmetil operations, one of the key functionalities is to divide two numbers entered by the uses. plaositem 1. Start the program so broubts the use & to enter two unupers. a nomerator and a denominator. 3. Aldempte to divide the coma rator by the denominator. brossow; # Function to perform division def devide - numbers (): +84: # prompt the uses to enter the numnumerator= float Cinput ("Enter the nome rator "") # prempt the user to enter the denomin denominator= float Comput ("Enter to denomin ator: "1) # Attempt to perform division results numerator (denominator print (fa Result: { result}") except /2 = to Druision etros' # Hardle division by zero ExFOR Point Carror: please enter nath numbers: ") A call the function to execute the devision operation divide - numbers ()

enter the numeratorito
enter the denominatorio

ERROR!

Expor: Division by zero is not allowed

as you are building a python application to determine if a person is eligible to who tose or their age. According to the roles, only requiquels who is that cours occupance allowed to vote: 4/300/few 1- Define the custo m exception 2. Groupt the user for input 3. check of the age is belowis. u. Race an exception of the conditions Grad Jowy # define Python uses-defined exceptions class lovaled Age exception " Raised when the input value 18 less tean (8" pass A you need to guess this number numb = 5=18 toy! input - rum = int (input (Eciter a numba!)) it inbox - unw cumpos; race I hualide Age exception else! point careligible to vo te" except (mall& Agai O MANAMADA DELLA CA ENCENTRADANALISIS (5) Resolt: Thus the program too 16xpection and Exceptional transling is executed and verified Successfully

out put!

Enter a number: 15

exception occurred: trivaled Age

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