The program is destified number the went of range.

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The program is destified a whole went of range. You need to ensure that is out of range. ister ha he were the enter of specified inder and specified inder and specified inder and specified inder and specified inder Error and specified in Rint on error man grades at rosen of the list of grades a poderon spirit Job for initialize go, 78, 92, 88] # initialize the last of 12, 88]

# initialize the last of 12, 88]

# Display the grader last of 12 and 12 # Display the grader list grade they want print (Grader list wer to enter the miner tivite = int (input (input (index of grade you want to vice))

Index = int (input (input (input (index of grade you want to vice)))

Attempt to display the or his play the or # Aftempt to display the grade of the specified, indel. Print for the grade at index since is & grades Linde 1];") except There fores where the in Put is not an integer. Print (" invalid in put. Please enter a numerical inder.") Grades list: [85,90,78,92,88] Enter the index of grade you want to view: 10 Invalid Index. Please enter a valid index-Enton the numeralors to denominator: 0. Exxa c Division by sero is not allowed.

902 You are developing a python calculated Program to performs baine anithmetic operations, one of the key function is to divide two numbers entered by the wor towers, divid by zono is not allowed and would caux Program to con if not handled prosenty. out took source out book not on index that is out of range Algorithm? 1. start the Program 2. Prompts the wor to only two numbers 3. Attempts to divide numerator by the denominator. 4. If the denominator is zero, cafches the zero Divison 4. If the denominator is zeros message.

error and displays an error message.

Program: # Function to Perform division def divide - numbery (): try: # Prompt the way to enter the numerator! numerator = float (input ("enter the numeror ") the Prompt the upon to enter the denomination of denominator = float (input (inter the denominator :") # Attempt to perform division sesult = numerator (deno minator) Print(for Result ! & result ]") one and no going of tomother the except zero division errol. # Hardle division by zero erroli to day # Hardle division by zero eroum

print ("Error: Division by zero is not allowed")

except value Error: Exals list: [85,90,78; 92.88] elye the inche of drage han many to rich of middled Index. Place enter a valid indexoutput Enter the numerator; to Enda the denominator; o Exrox! Error: Division by zero is not allowed,

9.3. You are building a pathon application to determine if a person is eligible to voke based on their age. According to the rubs, only individuals who are 18 years or older are allowed to vote to enforce this rule, you decide to create a custom exception called invalid age Exception which will be raised whenever an age relow 18 is entered. 1. Define the custom exception to utimological set to loss write a Python Pregrammuna to 2- grompt the wer for input. 3. check if the arge is below 18. 4. Baix an exception if condition is mediamore 5. Handle the exception with a custom error message. Hogram: # define python wer-defined exception class invalid age exception (exception): "Rawed when the input value is less than 18" # you need to guess this number input\_num =int (input ("enter a num ber:")) number = 18 if input - num < num ben; raise invalid age exception print ("Eligible to vote") Printf ("Exception occurred: (nualid Age") Approphen VEL TECH CSE Programming languages EX NO. 125 125 PERFORMANCE (5) Entor a number: 15 Exception occurred: Invalid Age RESULT AMD ANALYSIS (5) YOR WOCE (5) RECORD (5) TOTAL (20) SIGN WITH DATE treats frist Thus the program for implement Exceptions and Exceptional Result: handling is executed and verified successfully.