24/19/20 Exceptions and Expectation Taskia Implement handling in pythen Student marks validation Aim: To write a python program their accepts marks from the user and staises an exception if the entored marks are neighbor nondle the exception and display an approprial outen messay. Algori hmi 1. start the perogram 2. Accept marks as input from the user 3. convert the input to an integer + check if the marks are less than O or greater than 100 · if true prais a value Esuror with a buitable message 5. it volid, display we marks
6. use a dary - except block to hardle any Value Erron Maised 7. End the perogram Perogram: monks = int (input ("Enter student marks: ")) if marks Loog montes > 100: Print ("marks entered Duccessfully: ", marks) except value Euros as e: print ("Ernor, 1", e) Roult: The pologram Duccess Sully Validal, the student mark and handle oxeep from down invalid de or out - of - range inputs

Sample output:

Case 1: valed input

Enter student morts: 85

marks entered successfulls: 85

Case 2: invalid input

Enter student marks: 120

Former: marks should be between 0 and 100

Case 3: negative marks

Enter Student marks: 8

Erron: marks should be between 0

and 100

6. Division altulators with Exception

Aim: To write a python pragram that accepts two numbers from the user and perform division while handling exception such as division by zero and invalid input Algorithm: Start the pologram Accept two numbers from the user numeration and denomined on use day-except blocks to handle possible Cholon convert both inch to floor perform devision and display the sterul Handle the following exception: zero pevision sud Error if the denominator in 2010 value Error it the iput is not a number End the nonogram try " num 1= float (input ("Enfer numerodon: "))
num 2 = float (input ("Enfer numerodon: ")) print ("Result of division.", nexter Except Zeno Division Enson: print ("Emon Division by Print (" Englos : Heave enteration Exent Valuetion on: Value 11 JIVA Result: ond handly zoro Division Error and reductions, Exactions effectively, ensuring the program does not cour for invaled inpuls

sample output: cope 1: valid input: Sa Enter numeral on: 10 Cou Inter denomination: 2 5 Repub bl division: 5.0 1 ase 2: Division by zero Qa. Enter numerator: 8 Enter denomination: o F Eman: Division by Zeno F case 3 : Involid input: Enter numeration: for CO Enter denominador: 5 E Filmen: Please enter valid Som nle Output:

cose 1: valid input:

Enton numeral on: 10

£nten denomination: 2

Result the division by zero

Enter numerator: 8

Enter denominator: 0

Ernon: Division by Zero is not allow,

Case 3: Invalid Input:

Enter numerator: 5

Enter denominator: 5