Task 9: Implement Exceptions and Exceptional handling in Python. AIM: To implement Exceptions and Exceptional handling in python. Problem 9.2. you are developing a Python Colculator Mostourn mod Performs bosic authorities of orderedions one of the key functionalities is to divide two numbers entered by the user thowever, dividing by zero is not allowed and would cause the program to crash if not handled Property. Algorithm: 1) Start the Program 2) Prompts the user to enter two numbers: a numerostor and adenomina 3) Attempts to divide the numerator by the denominator. w) If the denominator is zero (addles the zero division Error and displays an error message: "Error: Division by zero is not allow Program :-# Function to Perform division def divide_ numbers (): tru: # from ft the user to enter the numerator numerator = froat (infut (" Enter the numerator: ")) # from et the wen to enter the denominator denominator = flood (input (" Enter the denominator :")) # Attempt to Perform division result = numerator / denominator Print(F" result: { Result 3") excelt zero physion Error: # Handle division by zero error Print (" Error: Division by zero is not anowed.") excelt have error: # Hardle invalid input that is not a number flood ("Error: Please enter volid numbers.") # (all the function to execute the division oferation d'ude_ number()

description of the greet firetons Biter the numerostor:10 tert constant took many. ्राट्माइ क नीयाक्षरण (नीयार) वड लिस. denominator so mo 1 in 1 1232 out no 10 mil 2114 mo. GRROR! Mammage as יאור אינטוני. Gror: Division by zero is not allowed. i prouse the Program; at the steek (should) to Print the steeking in appealing. . 920) towor in Editos of the April in 1000 of (1921/10) +3918 110). 1. ofform: कित्यात्रक - वहत्वत्रक्ति । sof wially (test)! HORAN FUNC (TEXT) MILES () 1999 WIGHER (court) reverses - 920) 19001 (fund); gap wrapper (text): rewn for (text). 10 wer) ומשת שימיףפיר שווים נסבפ בפנסומוסד tol shout (text): אפנטית לב גל Yebota 96 - 920) 19Well (4x91) boots 70b ICHARD FERSE : (Juny) 19918 74 therefore as an areas by a forther passed as an aregonal. (toucht) #3010 (10921/00) 19011

howen 9.3: you are building a fighter application to decembe if a Person is eligible to vote bossed on their age. According to the rules, only individuals who are 18 years or older are allowed to vote. To enforce this trule, you decide to create a custom exception could involve age exception, which will be raised whenever an age below 18 is entered.

Algorithm 1 -

- Il pegne the commercettion.
- 2) from the war for in flux.
- 31 check i'p the age is below is.
- which are the continuous as used in 5) Handle the exception with a custom error message.

define Python user -defined exceptions close implied Age exception (Exception):

"Raised when the influx value is less than 18" larguese works was Humany of Programming

you need to guess this number number = 18

try:

infut-num = int linfut (" ender a number:")) if influt - num < number:

noite invalid age exception

: 0219

Print (" Eligible to vote")

except invalid age exception:

Print(" Exception occured : invalid Age")

NO.	9	
MFORMANCE (5)	5	
RESULT AND ANALYSIS (5)	5	
VIVA VOCE (5)	5	
RECORD (5)		
TOTAL (20)		
SIZM WITH DATE	N	is wide
trad eminimorgou	10	e-4mples

health that the Program for implement exceptions and exception

handling is Executed and Verified Successfully.