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|  | #Q.1 Write a program in Python to allow the error of syntax to go in exception. HINT: use SyntaxError |
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|  | try: |
|  | short\_name = "sajirimendjoge" |
|  | if len(short\_name) > 5: |
|  | except SyntaxError: |
|  | print("Invalid Syntax , : is require") |
|  | finally: |
|  | print(short\_name) |
|  | ------------------------------------------------------------------------------ |
|  |  |
|  | ‘’’  Q.2 Write a program in Python to allow user to open a file by using argv module. |
|  | If the entered name is incorrect throw an exception and ask them to enter the name again. |
|  | Make sure to use read only mode. |
|  | ‘’’ |
|  | import sys |
|  | file\_name = sys.argv[0] |
|  | myfile = [] |
|  |  |
|  | try: |
|  | f = open(file\_name, 'r') |
|  | myfile = f.readlines() |
|  | f.close() |
|  | except IOError: |
|  | print('can not open', file\_name) |
|  |  |
|  | if myfile: |
|  | print(text[10]) |
|  |  |
|  | ------------------------------------------------------------------------------ |
|  | ‘’’ Q.3 Write a program to handle an error if the user entered the number more than four digits it should return |
|  | “Please length is too short/long!!! Please provide only four digits”  ’’’ |
|  |  |
|  | while True: |
|  | try: |
|  | num = int(input("Enter Value : ")) |
|  | if n > 9999: |
|  | print("The length is too long! \n Please provide only numbers with max four digits") |
|  | else: |
|  | print(num) |
|  | Break |
|  | except: |
|  | print("Please Enter only integer Values with 4 digits") |
|  |  |
|  |  |
|  | ------------------------------------------------------------------------------ |
|  | ‘’’Q.4 Create a login page backend to ask user to enter the UserEmail and password. |
|  | Make sure to ask Re-Type Password and if the password is incorrect give chance to enter it again but it should not be more than 3 times.’’’ |
|  |  |
|  | cnt = 0 |
|  | username = input('Enter the username: ') |
|  | while cnt < 3: |
|  | password = input('Enter the password: ') |
|  | if username=='sajiri' and password == “sajiri123”: |
|  | print('you are logged in') |
|  | Break |
|  | else: |
|  | print('login failed. Try again.') |
|  | count += 1  print(“Sorry you have exceeded attempts to type the correct password, please try again after sometime”) |
|  |  |
|  | ------------------------------------------------------------------------------  Q.5 Finally and raise concept:  Finally:  1.Generally used to release external resources.  2.This clause is executed no matter what.  3.Its optional.  Raise:   1. Exceptions are raised when corresponding errors occur at runtime, but we can forcefully raise it using the raise keyword.   ------------------------------------------------------------------------------ |
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|  | #Q 6. Read any file using Python File handling concept and return only the even length string from the doc.txt file. |
|  |  |
|  | myfile = open("doc.txt","w") |
|  |  |
|  | myfile.write("This is a file. This file contain some useful information about the python concepts and Django web development” |
|  | ) |
|  |  |
|  | myfile.close() |
|  |  |
|  | file = open("doc.txt","r") |
|  |  |
|  | str = file.read() |
|  |  |
|  | for i in str.split(): |
|  | if len(i) % 2 == 0: |
|  | print(i) |
|  |  |
|  | file.close() |