

	ITER, SIKSHA 'O' ANUSANDHAN (Deemed to be University)		Assignment
Branch	Cyber Security	Programme	B. Tech
Course Name	Security and Networking with Python	Semester	IV
Course Code	CSE 2157	Academic Year	2023-24
Assignment- 7		Topic:File Processing, Exception Handling	
Learning Level (LL)	L1: Remembering	L3: Applying	L5: Evaluating
	L2: Understanding	L4: Analysing	L6: Creating
Q's	Questions		Cos LL
1	Write a Python program to read first n lines of a file.		CO2 L3
2	Write a Python program to append text to a file and display the text.		CO2 L3
3	Write a Python program to read a file line by line and store it into a list.		CO2 L3
4.	Write a python program to find the longest words.		CO2 L3
5.	Write a Python program to count the number of lines in a text file.		CO2 L3
6.	Write a Python program to count the frequency of words in a file.		CO2 L3
7.	Write a Python program to copy the contents of a file to another file .		CO2 L3
8.	Write a Python program that prompts the user to input an integer and raises a ValueError exception if the input is not a valid integer.		CO2 L3
9.	Write a Python program that opens a file and handles a FileNotFoundError exception if the file does not exist.		CO2 L3
10.	Write a Python program that prompts the user to input two numbers and raises a TypeError exception if the inputs are not numerical.		CO2 L3
11.	Write a Python program that executes an operation on a list and handles an IndexError exception if the index is out of range.		CO2 L3
12.	Write a Python program to create a person class. Include attributes like name, country, and date of birth. Implement a method to determine the person's age.		CO2 L3
13.	Write a Python program to create a calculator class. Include methods for basic arithmetic operations.		CO2 L3
14.	Write a Python program to create a class representing a shopping cart. Include methods for adding and removing items, and calculating the total price.		CO2 L4
15.	Write a Python program to create a class representing a bank. Include methods for managing customer accounts and transactions.		CO2 L4