2124UCEM1041\_Gaurav\_Bodkhe

Unit 3 - Lab Work

**Problem Statement=** Implement a Python program to read a text file, count the number of words, and display the contents of the file in uppercase. Handle file not found errors and ensure proper closure of the file.

**CODE=**

def process\_file(file\_name):

try:

with open(file\_name, 'r') as file:

content = file.read()

word\_count = len(content.split())

print("Content in uppercase:")

print(content.upper())

print(f"\nTotal number of words: {word\_count}")

except FileNotFoundError:

print(f"Error: The file '{file\_name}' was not found.")

except Exception as e:

print(f"An error occurred: {e}")

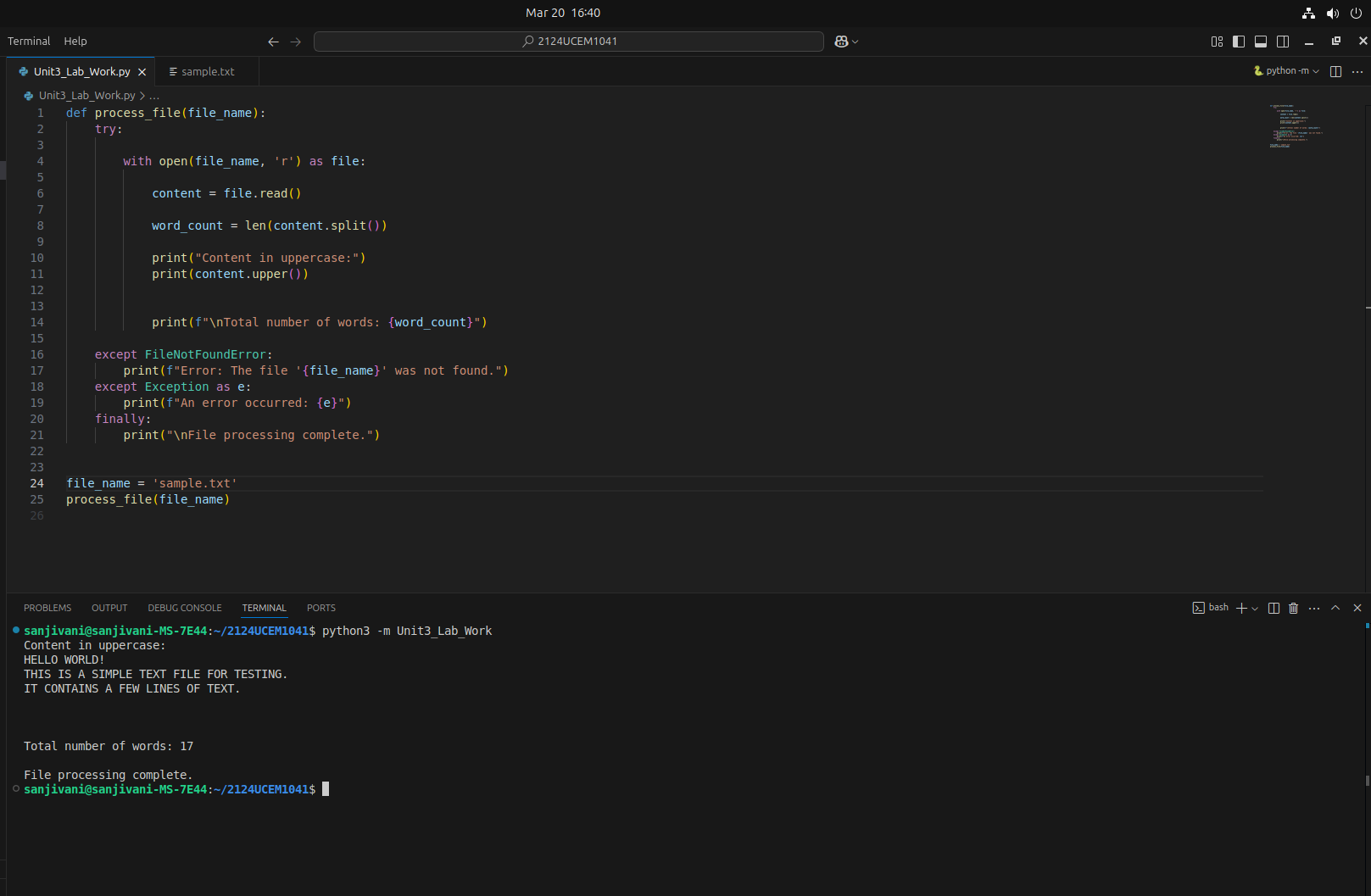
finally:

print("\nFile processing complete.")

file\_name = 'sample.txt'

process\_file(file\_name)

**O/P=**

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