TEXT ANALYZER

Date:6th June 2024
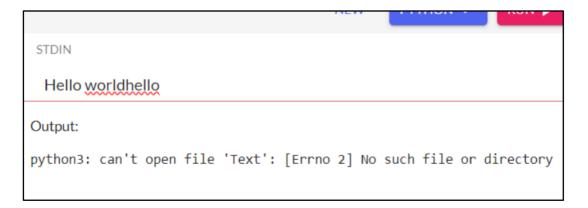
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Details of the project:I'am implementing this project by using python programming language

Code:

```python
def check_duplicates(s):
    s=s.lower()
    ch_count={}
    for ch in s:
        if ch in ch_count:
            ch_count[ch]+=1
        else:
            ch_count[ch]=1
    d=[]
    for a,m in ch_count.items():
        if m>1:
            d.append(a)
    if d:
        print("Duplicates found.Number of duplicates:%d.duplicates characters:"%(len(d)),end="")
        print(*d,sep=",")
    else:
        print("No duplicates found.")
s=input()
check_duplicates(s)
```

Input and Output:

STDIN

Hello worldhello

Output:

python3: can't open file 'Text': [Errno 2] No such file or directory

Explanation:

In this program i have

implemented the project Text Analyzer   in which i have   take it as an input from user and displayed the output it converts the input string to lower case to ensure insensitivity counts the occurrence of each character using a dictionary identifies duplicate characters and stores them in a list then it prints the duplicate characters if any are found if no duplicates are found it prints no duplicates found finally it prompts the user to input a string and call the function to check for duplicates

Conclusion:

Finally i have got the desired output

Hello worldhello