Text Analyzer

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Details of project:I'm implementing this project by using python programming language

code:

```
Text Analyzer          +                                    Text Analyzer  ✏

1  def check_duplicates(s):
2      s=s.lower()
3      ch_count={}
4      for ch in s:
5          if ch in ch_count:
6              ch_count[ch]+=1
7          else:
8              ch_count[ch]=1
9      d=[]
10     for k,v in ch_count.items():
11         if v>1:
12             d.append(k)
13     if d:
14         print("Duplicates found.Number of duplicates:%d.duplicate characters:"%(len(d)),end="")
15         print(*d,sep=",")
16     else:
17         print("No duplicates found.")
18  s=input()
19  check_duplicates(s)
20
```

Input and Output:

```
hello worldhello

Output:

Duplicates found.Number of duplicates:4.duplicate characters:h,e,l,o
```

Explanation:This code is a python program that helps in checking for duplicate characters in a given string.here's how it works.

The function check_duplicates(s) takes a string S as input.it converts the input string to lowercase to ensure case-insensitive comparison.it creates a dictionary ch_count to store the count of each characters in the string.it loop through each characters in the string and updates the count in the ch_count dictionary.it then creates an empty list d to store

the duplicate characters.it goes through the items in the ch_count dictionary and adds characters with a count greater than i to the list d.

Finally,it checks if there are any duplicates characters.if duplicates are found,it displays the number of duplicate characters and the characters themselves.if no duplicates are found, it prints"No duplicates found".

Conclusion:Finally I got the desired output of text analyzer which prints the duplicates in the given string.