Date : 02-07-2021   Time : 1:00 to 4:00

Name : Ramsina Yoosuf   Reg No : ICE 20MCA 2032

SetC

1. Write a python program to add 'ing' at the end of a given string. If it already ends with 'ing then add 'ly'

2. Write a python program to copy odd lines of one file to other

Answers

1. Write a python program to add 'ing' at the end of a given string. If it already ends with 'ing then add 'ly'.

Algorithm

Step 1 : Define a String (str)

Step 2 : Count the length of a String

Step 3 : If length > 2

        str [-3] = 'ing

        str + = 'ly'

Step 4 : else

        str + = 'ing

Step 4 : return

Program

```
def add_string (str1)
    length = len(str1)

    if length > 2 :
        if str1[-3:] == 'ing' :
            str1 += 'ly'
        else :
            str1 += 'ing'

    return str1

print (add_string('ab'))
print (add_string('abc'))
print (add_string('string'))
```

Expected output

```
ab
abcing
stringly
```

Output

```
ab
abcing
stringly
```

2. Write a python program to copy odd lines of one file to other.

Algorithm

Step 1: open a textfile. in read mode = fn.

Step 2: open another text file in write mode. = fn1

Step 3: read the content of fn

Step 4: print content

Step 5: If i=0 to len (content)

Step 6: If (i%2 ==0

        fn1. write (content[i])

Step 7: else

        pass

Step 8: close fn1.

Step 9: open fn1 in read mode

Step 10: read the content of fn1

Step 11: print oddlines

Step 12: close fn.

Step 13: close fn1.

Program

```
Fn = open("test1. txt","r")
fn1 = open("odd.txt","w")

content = fn. readlines ()
Print ("content \n" ,content)
```

```python
for i in range(0, len(content)):
    if (i%2 == 0):
        fnl.write(content[i])
    else:
        pass

fnl.close()
fnl = open("odd.txt", "r")

cont1 = fnl.read()
print("\n\nodd lines \n\n", cont1)

fn.close()
fnl.close()
```

Expected output
_____

Content

['The multiple portion, of the project \n', 'components
exist in the tool repository \n', 'there will be only one
official version of \n', 'project components at any point of
line \n', 'This set of components, and is known as
base lines.']

odd lines

The multiple portion of the project

there will be only one official version of

This set of components is known as baselines.

Output

Content

[The multiple portion of the project \n', 'components exist in the tool repository \n', there will be only one official version of \n', 'project components at any point of line \n' 'This set of components is known as baselines'

Odd lines

The multiple portion of the project

there will be only one official version of

This set of components is known as baselines.