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- description :   ,
- author :
- email : hylee@repia.com
- lastupdate : 2020-06-25

,

review.txt

```
The film, projected in the form of animation,
imparts the lesson of how wars can be eluded through reasoning and peaceful
dialogues,
which eventually paves the path for gaining a fresh perspective on an age-
old problem.
The story also happens to centre around two parallel characters, Shundi King
and Hundi King,
who are twins, but they constantly fight over unresolved issues planted in
their minds
by external forces from within their very own units.
```

score.txt

```
95
78
92
89
100
66
```

```python
# Section09
#          ,

#          r,          (          ) w,          (          ) a
#      : https://docs.python.org/3.7/library/functions.html#open
#          ('../', './'),          ('C:\...')

#
#      1
print("#= = = =          = = = =")
print("#= = =          1 = = =")
f = open('./resource/review.txt', 'r')
contents = f.read()
print(contents)
# print(dir(f))
#          close
f.close()

print()

#      2
print("#= = =          2 - with ===")
# with    close()          .
with open('./resource/review.txt', 'r') as f:
    c = f.read()
    print(iter(c))
    print(list(c))
    print(c)

print()

# read :          , read(10) : 10

#      3
print("#= = =          3 - strip() ===")
with open('./resource/review.txt', 'r') as f:
    for c in f:
        # print(c)
        print(c.strip())

print()

#      4
print("#= = =          4 -          = = =")
with open('./resource/review.txt', 'r') as f:
    contents = f.read()
    print('>', contents) #                    .
    contents = f.read()
```

```python
    print('>', contents)   #
    f.seek(0, 0)
    contents = f.read()
    print('>', contents)


# readline :              , readline(     ) :


print()


#    5
print("#= = =           5 - readline()       = = =")
with open('./resource/review.txt', 'r') as f:
    #                .
    line = f.readline()
    while line:
        print(line, end='')
        line = f.readline()


# readlines :


print()
print()


#    6
print("#= = =          6 - readlines()          = = =")
with open('./resource/review.txt', 'r') as f:
    contents = f.readlines()
    print(contents)
    print()
    # list
    for c in contents:
        print(c, end='')


print()
print()


#    7
print("#= = =          7 - append()          = = =")
with open('./resource/score.txt', 'r') as f:
    score = []
    for line in f:
        score.append(int(line))
    print(score)
    print('Average : {:6.3f}'.format(sum(score) / len(score)))


#
print()
print()
print()
print()
print()
print("#= = = =         = = = =")
```

```python
#    1
print("#= = =           w ===")
with open('./resource/test.txt', 'w') as f:
    f.write('niceman!')

print(
    r"""
    with open('./resource/test.txt', 'w') as f:
        f.write('niceman!')
    """
)
print("#=== ./resource/test.txt        = = =")
with open('./resource/test.txt', 'r') as f:
    c = f.read()
    print(c)

print()
print()
#    2
print("#= = =           a ===")
with open('./resource/test.txt', 'a') as f:
    f.write('niceman!!')
print(
    r"""
    with open('./resource/test.txt', 'a') as f:
        f.write('niceman!!')
    """
)
print("#=== ./resource/test.txt        = = =")
with open('./resource/test.txt', 'r') as f:
    c = f.read()
    print(c)


print()
print()
#    3
print("#= = =           random w ===")
from random import randint

with open('./resource/score2.txt', 'w') as f:
    # range(6) -> 0~5
    for cnt in range(6):
        # randint(50, 100) -> 50 ~ 100
        f.write(str(randint(50, 100)))
        f.write('\n')

print(
    r"""
```

```python
    from random import randint

    with open('./resource/score2.txt', 'w') as f:
        # range(6) -> 0~5
        for cnt in range(6):
            # randint(50, 100) -> 50 ~ 100
            f.write(str(randint(50, 100)))
            f.write('\n')
    """
)
print("#=== ./resource/score2.txt      ===")
with open('./resource/score2.txt', 'r') as f:
    c = f.read()
    print(c)


print()
print()
#    4
# writelines :         ->
print("#=== writelines      ->        ===")
with open('./resource/test2.txt', 'w') as f:
    list = ['Kim\n', 'Park\n', 'Lee\n']
    f.writelines(list)

print(
    r"""
    with open('./resource/test2.txt', 'w') as f:
        list = ['Kim\n', 'Park\n', 'Lee\n']
        f.writelines(list)
    """
)
print("#=== ./resource/test2.txt      ===")
with open('./resource/test2.txt', 'r') as f:
    c = f.read()
    print(c)


print()
print()

#    5
print("#=== print()           ===")
with open('./resource/test3.txt', 'w') as f:
    print('Test Contents!', file=f)
    print('Test Contents!!', file=f)

print(
    r"""
    with open('./resource/test3.txt', 'w') as f:
        print('Test Contents!', file=f)
```

Last
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2022/03/10
19:52

wiki:ai:python:
－ － http://rwiki.repia.com/doku.php?id=wiki:ai:python:%ED%8C%8C%EC%9D%BC_%EC%9D%BD%EA%B8%B0_%EC%93%B0%EA%B8%B0&rev=1593067633

```
        print('Test Contents!!', file=f)
    """
)
print("#=== ./resource/test3.txt        === ")
with open('./resource/test3.txt', 'r') as f:
    c = f.read()
    print(c)



print()
```

```
# = = = =              = = = =
# = = =            1 = = =
The film, projected in the form of animation,
imparts the lesson of how wars can be eluded through reasoning and peaceful
dialogues,
which eventually paves the path for gaining a fresh perspective on an age-
old problem.
The story also happens to centre around two parallel characters, Shundi King
and Hundi King,
who are twins, but they constantly fight over unresolved issues planted in
their minds
by external forces from within their very own units.

# = = =            2 - with ===
<str_iterator object at 0x0000021A500F85B0>
['T', 'h', 'e', ' ', 'f', 'i', 'l', 'm', ',', ' ', 'p', 'r', 'o', 'j', 'e',
'c', 't', 'e', 'd', ' ', 'i', 'n', ' ', 't', 'h', 'e', ' ', 'f', 'o', 'r',
'm', ' ', 'o', 'f', ' ', 'a', 'n', 'i', 'm', 'a', 't', 'i', 'o', 'n', ',',
'\n', 'i', 'm', 'p', 'a', 'r', 't', 's', ' ', 't', 'h', 'e', ' ', 'l', 'e',
's', 's', 'o', 'n', ' ', 'o', 'f', ' ', 'h', 'o', 'w', ' ', 'w', 'a', 'r',
's', ' ',
'c', 'a', 'n', ' ', 'b', 'e', ' ', 'e', 'l', 'u', 'd', 'e', 'd', ' ', 't',
'h', 'r', 'o', 'u', 'g', 'h', ' ', 'r', 'e', 'a', 's', 'o', 'n', 'i', 'n',
'g', ' ', 'a', 'n', 'd', ' ', 'p', 'e', 'a', 'c', 'e', 'f', 'u', 'l', ' ',
'd', 'i', 'a', 'l', 'o', 'g', 'u', 'e', 's', ',', '\n', 'w', 'h', 'i', 'c',
'h', ' ', 'e', 'v', 'e', 'n', 't', 'u', 'a', 'l', 'l', 'y', ' ', 'p', 'a',
'v', 'e', 's', ' ', 't', 'h', 'e', ' ', 'p', 'a', 't', 'h', ' ', 'f', 'o',
'r', ' ', 'g', 'a', 'i', 'n', 'i', 'n', 'g', ' ', 'a', ' ', 'f',
'r', 'e', 's', 'h', ' ', 'p', 'e', 'r', 's', 'p', 'e', 'c', 't', 'i', 'v',
'e', ' ', 'o', 'n', ' ', 'a', 'n', ' ', 'a', 'g', 'e', '-', 'o', 'l', 'd', '
', 'p', 'r', 'o', 'b', 'l', 'e', 'm', '.', '\n', 'T', 'h', 'e', ' ', 's',
't', 'o', 'r', 'y', ' ', 'a', 'l', 's', 'o', ' ', 'h', 'a', 'p', 'p', 'e',
'n', 's', ' ', 't', 'o', ' ', 'c', 'e', 'n', 't', 'r', 'e', ' ', 'a', 'r',
'o', 'u', 'n', 'd', ' ', 't', 'w', 'o', ' ', 'p', 'a', 'r', 'a', 'l', 'l',
'e', 'l', ' ', 'c', 'h', 'a', 'r', 'a', 'c', 't', 'e', 'r', 's',
```

```
',', ' ', 'S', 'h', 'u', 'n', 'd', 'i', ' ', 'K', 'i', 'n', 'g', ' ', 'a',
'n', 'd', ' ', 'H', 'u', 'n', 'd', 'i', ' ', 'K', 'i', 'n', 'g', ',', '\n',
'w', 'h', 'o', ' ', 'a', 'r', 'e', ' ', 't', 'w', 'i', 'n', 's', ',', ' ',
'b', 'u', 't', ' ', 't', 'h', 'e', 'y', ' ', 'c', 'o', 'n', 's', 't', 'a',
'n', 't', 'l', 'y', ' ', 'f', 'i', 'g', 'h', 't', ' ', 'o', 'v', 'e', 'r', '
', 'u', 'n', 'r', 'e', 's', 'o', 'l', 'v', 'e', 'd', ' ', 'i', 's', 's',
'u', 'e', 's', ' ', 'p', 'l', 'a', 'n', 't', 'e', 'd', ' ', 'i',
'n', ' ', 't', 'h', 'e', 'i', 'r', ' ', 'm', 'i', 'n', 'd', 's', '\n', 'b',
'y', ' ', 'e', 'x', 't', 'e', 'r', 'n', 'a', 'l', ' ', 'f', 'o', 'r', 'c',
'e', 's', ' ', 'f', 'r', 'o', 'm', ' ', 'w', 'i', 't', 'h', 'i', 'n', ' ',
't', 'h', 'e', 'i', 'r', ' ', 'v', 'e', 'r', 'y', ' ', 'o', 'w', 'n', ' ',
'u', 'n', 'i', 't', 's', '.']
```
The film, projected in the form of animation,
imparts the lesson of how wars can be eluded through reasoning and peaceful
dialogues,
which eventually paves the path for gaining a fresh perspective on an age-
old problem.
The story also happens to centre around two parallel characters, Shundi King
and Hundi King,
who are twins, but they constantly fight over unresolved issues planted in
their minds
by external forces from within their very own units.

```
# = = =          3 - strip() ===
```
The film, projected in the form of animation,
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old problem.
The story also happens to centre around two parallel characters, Shundi King
and Hundi King,
who are twins, but they constantly fight over unresolved issues planted in
their minds
by external forces from within their very own units.

```
# = = =          4 -          = = =
```
> The film, projected in the form of animation,
imparts the lesson of how wars can be eluded through reasoning and peaceful
dialogues,
which eventually paves the path for gaining a fresh perspective on an age-
old problem.
The story also happens to centre around two parallel characters, Shundi King
and Hundi King,
who are twins, but they constantly fight over unresolved issues planted in
their minds
by external forces from within their very own units.
>
> The film, projected in the form of animation,
imparts the lesson of how wars can be eluded through reasoning and peaceful
dialogues,
which eventually paves the path for gaining a fresh perspective on an age-

```
old problem.
The story also happens to centre around two parallel characters, Shundi King
and Hundi King,
who are twins, but they constantly fight over unresolved issues planted in
their minds
by external forces from within their very own units.

# = = =             5 - readline()         = = =
The film, projected in the form of animation,
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dialogues,
which eventually paves the path for gaining a fresh perspective on an age-
old problem.
The story also happens to centre around two parallel characters, Shundi King
and Hundi King,
who are twins, but they constantly fight over unresolved issues planted in
their minds
by external forces from within their very own units.

# = = =             6 - readlines()           = = =
['The film, projected in the form of animation,\n', 'imparts the lesson of
how wars can be eluded through reasoning and peaceful
dialogues,\n', 'which eventually paves the path for gaining a fresh
perspective on an age-old problem.\n', 'The story also happens to centre
around two parallel characters, Shundi King and Hundi King,\n', 'who are
twins, but they constantly fight over unresolved issues planted in their
minds\n', 'by external forces from within their very own units.']

The film, projected in the form of animation,
imparts the lesson of how wars can be eluded through reasoning and peaceful
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old problem.
The story also happens to centre around two parallel characters, Shundi King
and Hundi King,
who are twins, but they constantly fight over unresolved issues planted in
their minds
by external forces from within their very own units.

# = = =             7 - append()            = = =
[95, 78, 92, 89, 100, 66]
Average : 86.667




# = = = =              = = = =
# = = =          w ===
```

```
    with open('./resource/test.txt', 'w') as f:
        f.write('niceman!')

#=== ./resource/test.txt          = = =
niceman!



# = = =              a ===

    with open('./resource/test.txt', 'a') as f:
        f.write('niceman!!')

#=== ./resource/test.txt          = = =
niceman!niceman!!



# = = =              random w ===

    from random import randint

    with open('./resource/score2.txt', 'w') as f:
        # range(6) -> 0~5
        for cnt in range(6):
            # randint(50, 100) -> 50 ~ 100
            f.write(str(randint(50, 100)))
            f.write('\n')

#=== ./resource/score2.txt          = = =
83
68
50
73
60
71



# = = =              writelines          ->              = = =

    with open('./resource/test2.txt', 'w') as f:
        list = ['Kim\n', 'Park\n', 'Lee\n']
        f.writelines(list)

#=== ./resource/test2.txt          = = =
Kim
Park
Lee



# = = =              print()          = = =
```

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wiki:ai:python:

－　　－　　http://rwiki.repia.com/doku.php?id=wiki:ai:python:%ED%8C%8C%EC%9D%BC_%EC%9D%BD%EA%B8%B0_%EC%93%B0%EA%B8%B0&rev=1593067633

```
    with open('./resource/test3.txt', 'w') as f:
        print('Test Contents!', file=f)
        print('Test Contents!!', file=f)


#=== ./resource/test3.txt          = = =
Test Contents!
Test Contents!!
```

Tip

, python,   ,