FILES EXERCISE

TASK 1: COMPARE TWO TXT FILES

WORK WITH

```
d = open("rain.txt", "w")
d.write("Hi")
d.write("\nfood is hot"*2)
d.write("\nsunny day"*4)
d.close()
e = open("cloud.txt", "w")
e.write("Hi")
e.write("\nfood is cold"*2)
e.write("\nsunny day"*4)
e.close()
```

DESIRED OUTPUT

True
False
False
True
True
True

HINTS?

1. Use a **for** loop with **range**
2. Use a comparison operator
3. Use control flow that **prints** either True or False.
4. You should have no more than 5 lines of code, but 11 is acceptable.
5. Use a print statement with a for loop
6. Make sure to use the close method for both txt files!

In [ ]:

```
d = open("rain.txt", "w")
d.write("Hi")
d.write("\nfood is hot"*2)
d.write("\nsunny day"*4)
d.close()
e = open("cloud.txt", "w")
e.write("Hi")
e.write("\nfood is cold"*2)
e.write("\nsunny day"*4)
```

```
e.close()
```

TASK 2: THREE INPUTS FOR THREE TXT FILES

WORK WITH

```
files = ["morning", "evening", "night"]
### Add Code Here
### Add Code VV
d = open(".txt", "w")
    d.write("game")
    d.close()
    ### Add Code Here

    ### Add Code Here
    ### Add Code Here

    ### Add Code Here
```

DESIRED OUTPUT

add text: blue
add text: green
add text: red

For each txt file has the following text:

```
- morning.txt:
    - game
    - win
- evening.txt:
    - game
    - lose
- night.txt:
    - game
    - draw
```

HINTS?

1. Use a **for** loop with a **len** in **range**.
2. Use the **"a"** mode for appending new lines.
3. Make sure you always have the close() method at the end if using **open**.

In [ ]:

```
files = ["morning", "evening", "night"]
### Add Code Here
### Add Code VV
d = open(".txt", "w")
    d.write("game")
```

```
d.write("game")
d.close()
### Add Code Here

### Add Code Here
### Add Code Here

### Add Code Here
```

TASK 3: FILTER OUT WORDS BASED ON LENGTH

WORK WITH

```
w =  open("count.txt", "w")
w.write("""computer\n
python\n
udemy\n
intelligence\n
universal\n
jupyter
java\n
javascript\n""")
w.close()
```

DESIRED OUTPUT

['python', 'udemy', 'jupyter']

HINTS?

1. Use **with open** for the **"count.txt"** file as comp.
2. Read the lines of the txt file, and use the **len**, **join**, **replace** and **split** methods.
3. **for** loop in list comprehension where you check the length of each word >= 5 **and** <= 7.
4. Use an **if** statement.

In [2]:

```
w =  open("count.txt", "w")
w.write("""computer\n
python\n
udemy\n
intelligence\n
universal\n
jupyter\n
java\n
javascript\n""")
w.close()
```

GOOD LUCK!