Assignment - Files IO

1.

Write following list `s` into a text file `q1.txt` with each item occupying 1 line.

```python
s = [chr(i) + '.txt' for i in range(ord('A'), ord('F'))]
```

Use following command to open `q1.txt` to verify the content in the file.

```
!notepad q1.txt
```

```python
In [8]: s = [chr(i) + '.txt' for i in range(ord('A'), ord('F'))]

        with open('q1.txt','w') as f:
            for i in s:
                f.write(i + '\n')
```

```python
In [9]: !notepad q1.txt
```

2.

For each line of text in `q1.txt`, generate an empty text file and name the file using that line of text. If file already exists, remove it before generate new file.

Use following code to check if a file exists.

```python
import os
if os.path.exists(file_path): pass
```

Use following command to confirm that you have generated all files.

```
!ls *.txt
```

```python
In [21]: import os
         with open('q1.txt') as f:
             s = f.readlines()
             for i in s:
                 i = i.strip()
                 if os.path.exists(i): os.remove(i)
                 with open(i.strip(), 'w') as x:
                     pass
```

In [2]: `!ls *.txt`

```
q1.txt
quote.txt
scope.txt
test.txt
```