

```
In [1]: 1 %%writefile myfile.txt
        2 this is first line
        3 this is second line
        4 this is third line
```

Writing myfile.txt

```
1
```

```
In [5]: 1 open("myfile.txt")
```

```
Out[5]: <_io.TextIOWrapper name='myfile.txt' mode='r' encoding='cp1252'>
```

```
In [15]: 1 example =open("myfile.txt")
```

```
In [16]: 1 example
```

```
Out[16]: <_io.TextIOWrapper name='myfile.txt' mode='r' encoding='cp1252'>
```

```
In [17]: 1 example.read()
```

```
Out[17]: 'this is first line \nthis is second line \nthis is third line\n'
```

```
1 example.readlines()
```

```
In [18]: 1 example.readlines()
```

```
Out[18]: []
```

```
In [21]: 1 example.seek(0)
```

```
Out[21]: 0
```

```
In [25]: 1 example.read()
```

```
Out[25]: ''
```

```
In [26]: 1 example.seek(0)
```

```
Out[26]: 0
```

```
In [28]: 1 example.readlines()
```

```
Out[28]: []
```

```
In [29]: 1 example.seek(0)
```

```
Out[29]: 0
```

```
In [30]: 1 example.readlines()
```

```
Out[30]: ['this is first line \n', 'this is second line \n', 'this is third line\n']
```

```
In [31]: 1 example.close()
```

```
In [35]: 1 with open ("myfile.txt") as newfile:
2         contents = newfile.read()
3
4
```

```
In [36]: 1 contents
```

```
Out[36]: 'this is first line \nthis is second line \nthis is third line\n'
```

```
In [38]: 1 with open ("myfile.txt",mode = "r") as newfile:
2         contents = newfile.read()
```

```
In [39]: 1 contents
```

```
Out[39]: 'this is first line \nthis is second line \nthis is third line\n'
```

```
In [41]: 1 with open ("myfile.txt", mode = "r") as f:
2         print(f.read())
```

```
this is first line
this is second line
this is third line
```

```
In [47]: 1 with open ("myfile.txt", mode = "a") as f:
2         f.write("\nthis is fourth line")
```

```
In [48]: 1 with open ("myfile.txt", mode = "r") as f:
2         print(f.read())
```

```
this is first line
this is second line
this is third line

this is fourth linethis is fourth line
this is fourth line
```

```
In [49]: 1 with open ("new.txt", mode = "w") as f:
2         f.write("I created this file")
```

```
In [50]: 1 with open ("new.txt", mode = "r") as f:
2         print(f.read())
```

```
I created this file
```