

```
# Code_1 Reading a text file
```

```
file = 'text.txt'
```

```
file_open = open(file, 'r')
```

```
file_read = file_open.read()
```

```
file_open.close()
```

```
# Code_2 Printing a text file
```

```
file = 'text.txt'
```

```
file_open = open(file, 'r')
```

```
file_read = file_open.read()
```

```
file_open.close()
```

```
print(file_read)
```

```
# Code_3 Writing to a file
```

```
file_open = open(file, mode='w')
```

```
file_open.close()
```

```
# Code_4 Context manager with
```

```
with open('mnist.txt', mode='r') as text:
```

```
    print(text.read())
```

```
# Code_5 Importing flat files using NumPy
```

```
import numpy as np
```

```
file = 'mnist.txt'
```

```
data = np.loadtxt(file, delimiter=',')
```

```
# Code_6 Customizing your NumPy import-1
```

```
file = 'mnist.txt'
```

```
text = np.loadtxt(file,  
                  delimiter = ',',  
                  skiprows =1)
```

```
# Code_7 Customizing your NumPy import-2
```

```
file = 'mnist.txt'
```

```
text = np.loadtxt(file,  
                  delimiter = ',',  
                  skiprows =1,  
                  usecols = [0,2])
```

```
# Code_8 Customizing your NumPy import-3
```

```
## import a csv file, dtype = string  
import numpy as np
```

```
file = 'titanic_sub.csv'
```

```
text = np.loadtxt(file,delimiter = ',', dtype=str)
```

```
print(text)
```

```
## import a txt file, dtype = string  
file_2 = 'seaslug.txt'
```

```
text = np.loadtxt(file,delimiter = ',',dtype =str)
```

```
print(text)
```

