

UT-03

② Explain Reading & Extracting from Zip files with Eg:-
Reading!

```
import zipfile, os
```

```
from pathlib import Path
```

```
p = Path.home()
```

```
exampleZip = zipfile.ZipFile(p / 'example.zip')
```

```
exampleZip.namelist()
```

```
['spam.txt', 'cats / catnames.txt', 'cats / zophie.jpg']
```

```
spamInfo = exampleZip.getinfo('spam.txt')
```

```
spamInfo.file_size
```

```
13908
```

```
f('compressed file is {round(spamInfo.file_size /  

    spamInfo.compress_size, 2)}x smaller!')
```

```
'Compressed file is 363x smaller'
```

```
exampleZip.close()
```

Extracting!

```
import zipfile, os
```

```
from pathlib import Path
```

```
p = Path.home()
```

```
exampleZip = zipfile.ZipFile(p / 'example.zip')
```

```
exampleZip.extractall()
```

```
exampleZip.close()
```

③

Email Pager = σ . compile (r'(
[a-y, A-z 0-9 . - + = %])
[a-y A-z 0-9 _] +
(1. [a-y A-z] {2,43})
)', σ . VERBOSE)

Paper clip, or phone register = or. Compile (or
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 (51 - 1 \d{3})?
 (\d{3})
 (51 - 1 \d{3})?
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 (\d{3} * (ext | or | tot) | \d{3} * (\d{2,3}) ?) ?
 or. VERBOSE)

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