

# README

**Specs:** ubuntu machine, python3, puremagic module.

## **How to run the project:**

1. Run the server – 'python3 main.py'
2. Run each client from the following clients:
  - a. Client1 – clean client
  - b. Client2 – sends mail with an attached file that contains a virus signature
  - c. Client3 – sends mail with suspicious file name
  - d. Client4 – sends mail with different type of file attached then what is written
  - e. Client5 – sends mail with a redirected link

## **Example:**

In the first shell window:

```
➔ MIniProject pip3 install puremagic
Collecting puremagic
  Using cached puremagic-1.11-py3-none-any.whl (31 kB)
Installing collected packages: puremagic
Successfully installed puremagic-1.11
➔ MIniProject python3 main.py
```

In the second window:

```
➔ MIniProject python3 client_1.py
➔ MIniProject python3 client_2.py
➔ MIniProject python3 client_3.py
➔ MIniProject python3 client_4.py
➔ MIniProject python3 client_5.py
```

After which the results will be:

```
Mail is clean :)
WARNING: This file contains a signature virus
WARNING: This file contains a suspicious name
WARNING: File name type is different from file type
File name type: .txt File type: .gif
WARNING: This file contains a redirect URL
URL name: https://www.fb.com URL redirect: https://www.facebook.com/
□
```

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