

Functions

Print and Log

```
def print_f(*msg):
    '''print and log!'''
    # import datetime for timestamps
    import datetime as dt
    # convert input arguments to strings for concatenation
    message = []
    for m in msg:
        message.append(str(m))
    message = ' '.join(message)
    # append to the log file
    with open('/tmp/test.log','a') as log:
        log.write(f'{dt.datetime.now()} | {message}\n')
    # print the message using the copy of the original print function to stdout
    print(message)

print_f('Test Message')
```

Sendmail via SMTP

```
def send_message(body, subject, to_addr):
    import smtplib
    from email.message import EmailMessage
    smtp_user = "your-smtp-user"
    smtp_pass = "your-smtp-pass"
    smtp_server = "smtp-relay.your.server"
    smtp_port = "587"

    msg = EmailMessage()
    msg['Subject'] = subject
    msg['From'] = smtp_user
    msg['To'] = to_addr
    msg.set_content(body)
```

```
with smtplib.SMTP(smtp_server, smtp_port) as smtp:  
    smtp.login(smtp_user, smtp_pass)  
    smtp.send_message(msg)
```

```
debug = send_message("This is plain TEXT email", "Test from SMTP", "alang.hsu@gmail.com")  
print(debug)
```

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