

Team ID	PNT2022TMID44114
Project Name	Smart solution for Railways.

Ans Queries

```
import email, smtplib, ssl
```

```
from email import encoders
```

```
from email.mime.base import MIMEBase
```

```
from email.mime.multipart import
```

```
MIMEMultipart from email.mime.text
```

```
import MIMEText
```

```
subject = "An email with attachment from Python"
```

```
body = "This is an email with attachment sent from
```

```
Python" sender_email = _ HYPERLINK
```

```
"mailto:my@gmail.com" m HYPERLINK
```

```
"mailto:y@gmail.com" y@gmail.com HYPERLINK
```

```
"mailto:y@gmail.com" _
```

```
receiver_email = _ HYPERLINK "mailto:your@gmail.com" your@gmail.com HYPERLINK
```

```
"mailto:your@gmail.com" _
```

```
password = input("Type your password and press enter:")
```

```
# Create a multipart message and set
```

```
headersmessage = MIMEMultipart()
```

```
message["From"] = sender_email
```

```
message["To"] = receiver_email
```

```
message["Subject"] = subject
```

```
message["Bcc"] = receiver_email # Recommended for mass emails
```

```
# Add body to email
message.attach(MIMEText(body,
"plain"))

filename = "document.pdf" # In same directory as script

# Open PDF file in binary mode
with open(filename, "rb") as
    attachment:# Add file as
        application/octet-stream
    # Email client can usually download this automatically as
    attachmentpart = MIMEBase("application", "octet-stream")
    part.set_payload(attachment.read())

# Encode file in ASCII characters to send
by emailencoders.encode_base64(part)

# Add header as key/value pair to
attachment partpart.add_header(
    "Content-Disposition",
    f"attachment; filename= {filename}",
)

# Add attachment to message and convert message
to stringmessage.attach(part)
text = message.as_string()
```

```
# Log in to server using secure context and  
send emailcontext =  
ssl.create_default_context()  
with smtplib.SMTP_SSL("smtp.gmail.com", 465, context=context) as  
    server:server.login(sender_email, password)  
    server.sendmail(sender_email, receiver_email, text)
```