SPRINT-4

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PROJECT NAME	Smart Solution For Railways
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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 = "my@gmail.com"

receiver_email = "your@gmail.com"

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

# Create a multipart message and set headers

message = 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
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    # Email client can usually download this automatically as attachment
    part = MIMEBase("application", "octet-stream")
    part.set_payload(attachment.read())

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

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

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

# Log in to server using secure context and send email
context = 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)
```