Python Files

---------- **FileName:** main.py

Content:

```
from reportlab.lib.pagesizes import A4
from reportlab.platypus import SimpleDocTemplate, Paragraph, Spacer, Table, TableStyle
from reportlab.lib.styles import getSampleStyleSheet
from reportlab.lib import colors
import os

def read_file_content(filename):
"""Safely read file content as text."""
try:
with open(filename, "r", encoding="utf-8") as f:
return f.read()
except Exception as e:
return f"Error reading file: {e}"

def add_file_section(story, styles, filename, content):
"""Add one file’s section to the PDF."""
section = f"""
----------
**FileName:** {filename}


**Content:**
{content.replace('\n', '
')}

----------
"""
story.append(Paragraph(section, styles["Normal"]))
story.append(Spacer(1, 20))

def make_pdf():
doc = SimpleDocTemplate("result.pdf", pagesize=A4)
styles = getSampleStyleSheet()
story = []

include_all = input("Do you want to include all files in this folder? (yes/no): ").strip().lower()

if include_all == "yes":
py_files = [f for f in os.listdir() if f.endswith(".py")]
txt_files = [f for f in os.listdir() if f.endswith(".txt")]

# ---- Add .py files sections ----
if py_files:
story.append(Paragraph("**Python Files**", styles["Heading2"]))
story.append(Spacer(1, 10))
for f in py_files:
content = read_file_content(f)
add_file_section(story, styles, f, content)

# ---- Add .txt files sections ----
```

```
if txt_files:
story.append(Paragraph("**Text Files**", styles["Heading2"]))
story.append(Spacer(1, 10))
for f in txt_files:
content = read_file_content(f)
add_file_section(story, styles, f, content)

# ---- Python Files Table ----
if py_files:
data = [["Python File Name", "Preview (first 80 chars)"]]
for f in py_files:
code = read_file_content(f)
preview = (code[:80] + "...") if len(code) > 80 else code
data.append([f, preview])
table = Table(data, colWidths=[200, 300])
table.setStyle(TableStyle([
("BACKGROUND", (0, 0), (-1, 0), colors.lightblue),
("GRID", (0, 0), (-1, -1), 1, colors.black),
("ALIGN", (0, 0), (-1, -1), "LEFT"),
]))
story.append(Paragraph("**Python Files Summary**", styles["Heading3"]))
story.append(table)
story.append(Spacer(1, 20))

# ---- Text Files Table ----
if txt_files:
data = [["Text File Name", "Preview (first 80 chars)"]]
for f in txt_files:
text = read_file_content(f)
preview = (text[:80] + "...") if len(text) > 80 else text
data.append([f, preview])
table = Table(data, colWidths=[200, 300])
table.setStyle(TableStyle([
("BACKGROUND", (0, 0), (-1, 0), colors.lightgreen),
("GRID", (0, 0), (-1, -1), 1, colors.black),
("ALIGN", (0, 0), (-1, -1), "LEFT"),
]))
story.append(Paragraph("**Text Files Summary**", styles["Heading3"]))
story.append(table)

print("■ Added all .py and .txt files to result.pdf")

else:
# ---- Single file mode ----
filename = input("Enter the file name (.py or .txt): ").strip()
if not os.path.exists(filename):
print("■ File not found.")
return
if not (filename.endswith(".py") or filename.endswith(".txt")):
print("■ Only .py and .txt files are allowed.")
return

content = read_file_content(filename)
add_file_section(story, styles, filename, content)
print(f"■ Added {filename} to result.pdf")
```

```
# ---- Build PDF ----
doc.build(story)
print("■ PDF created successfully: result.pdf")

if __name__ == "__main__":
make_pdf()
```

Python Files Summary

Python File Name	Preview (first 80 chars)
main.py	from reportlab.lib.pagesizes import A4 from reportlab.platypus import SimpleDocT...