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2. ?? POS ??? CSV ??
3. ?????????????????? □□□.xls ??
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import os
import re
import pandas as pd
import pyexcel as pe
from tkinter import Tk
from tkinter.filedialog import askopenfilename

INVALID_CHARS = r'[:\|/?*\[\]]' # Excel 限制
MAX_SHEET_NAME = 31

def sanitize_sheet_name(base_name: str) -> str:
    name = re.sub(INVALID_CHARS, '_', base_name)
    name = name[:MAX_SHEET_NAME].rstrip()
    return name or "Sheet1"

def read_csv_smart(path: str) -> pd.DataFrame:
    try:
        return pd.read_csv(path, encoding="utf-8-sig")
    except Exception:
        return pd.read_csv(path, encoding="cp950")

def convert_csv_to_xls(csv_path: str) -> str:
    base_no_ext = os.path.splitext(csv_path)[0]
    xls_path = f"{base_no_ext}_0000.xls"
    sheet_name = sanitize_sheet_name(os.path.basename(base_no_ext))

    df = read_csv_smart(csv_path)

    # 00 10000000000 P07-005-09
    if "0000" in df.columns:
        df["0000"] = df["0000"].astype(str).replace({"nan": "", "NaN": ""}).replace(r"^\s*$",
"", regex=True)
        df.loc[df["0000"] == "", "0000"] = "P07-005-09"
    else:
        print("△ 00000000000000000000")

    # 00 20000000000
    if "0000" in df.columns:
        date_str = df["0000"].astype(str).fillna("").str.replace("/", "", regex=False)
        df["0000"] = "P" + date_str

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else:
    print("△ 操作が完了しました")

# 変数宣言
header = df.columns.tolist()
data = df.astype(object).where(pd.notna(df), "").values.tolist()
array = [header] + data

# xls へ保存
pe.save_as(array=array, dest_file_name=xls_path, sheet_name=sheet_name)
return xls_path

def main():
    Tk().withdraw()
    csv_path = askopenfilename(
        title="CSV ファイルを開く",
        filetypes=[("CSV ファイル", "*.csv"), ("すべてのファイル", "*.*")]
    )
    if not csv_path:
        print("CSV ファイルが選択されませんでした")
        return

    out_path = convert_csv_to_xls(csv_path)
    print("完了しました")
    print(f"入力: {csv_path}")
    print(f"出力: {out_path}")

if __name__ == "__main__":
    main()

```