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Objectives: Outlook automation of e-mail sending with different attachments and recipient list, considering the business days and with a customizable e-mail body.

## 1) Libraries used

```
import calendar
import locale
import time
from datetime import datetime, timedelta, date
import win32com.client as win32
import pandas as pd
import holidays
```

## 2) Initial settings

## 3) Functions

## 4) Execution

```
In [ ]: outlook = win32.Dispatch('outlook.application')
       with open("email_body.txt", "r", encoding="utf-8") as txt_file:
          personalized_text = txt_file.read()
       for i in range(3):
          df_emails_to = pd.read_excel(r"C:\Users\pedro\OneDrive\Área de Trabalho\Pedro\Projetos\automacoes\outlook\recipients.xlsx", sheet_name=0, header=0)
          df_emails_cc = pd.read_excel(r"C:\Users\pedro\OneDrive\Area de Trabalho\Pedro\Projetos\automacoes\outlook\recipients.xlsx", sheet_name=1, header=0)
          recipient_to = list(df_emails_to[f"Grupo {i+1}"])
          recipient_cc = list(df_emails_cc[f"Grupo {i+1}"])
          recipien_bcc = list(df_emails_bcc[f"Grupo {i+1}"])
          email = outlook.CreateItem(0)
          email.To = ';'.join(recipient_to)
          email.CC = ';'.join(recipient_cc)
          email.BCC = ';'.join(recipien_bcc)
          email.Subject = f"E-mails sending - {current_month_name}/23"
          email.Body = f''''Dear,
       Please send us the document within a period of up to 2 business days, that is, by the day {delivery_date_formated}.
       {personalized_text}"""
          email.Attachments.Add(attachments[i])
          email.Send()
```

success\_message(file\_name[i])

The file "attachment1" has been successfully sent!
The file "attachment2" has been successfully sent!
The file "attachment3" has been successfully sent!