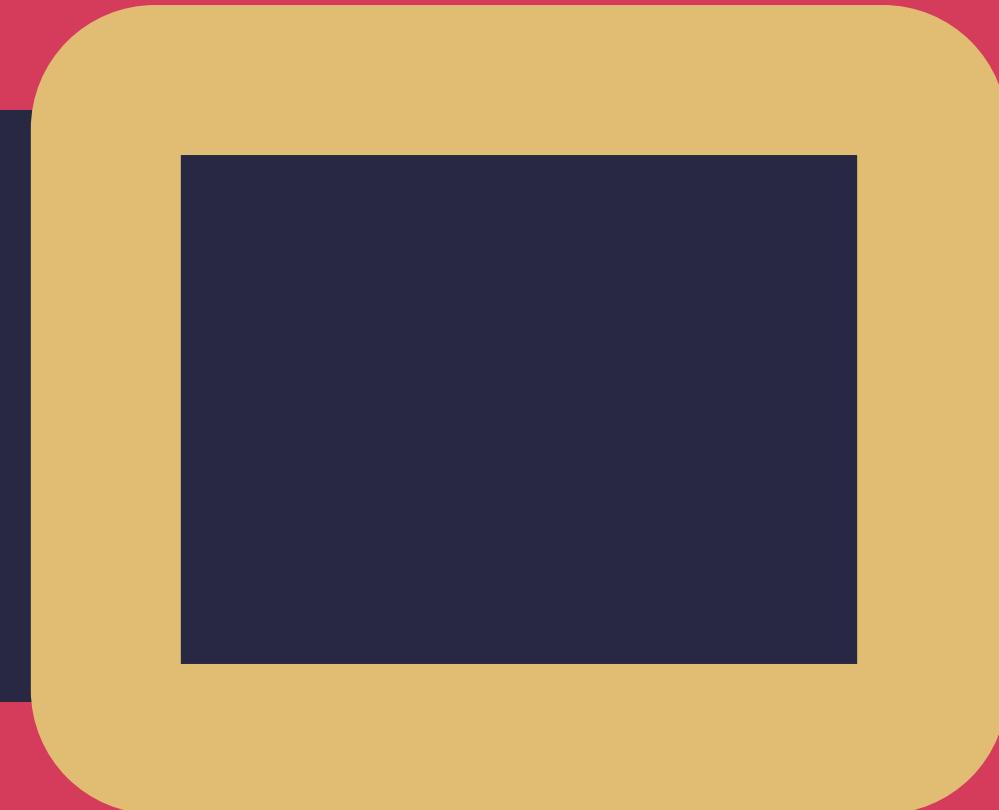


LET'S PLAY

Secret Santa





But du projet

- * Faire un secret santa en python sur streamlit
- * Générer des paires aléatoirement
- * Envoyer des emails aux participants

Let's go!



All I want for
Christmas is

PYTHON

VS CODE/STREAMLIT

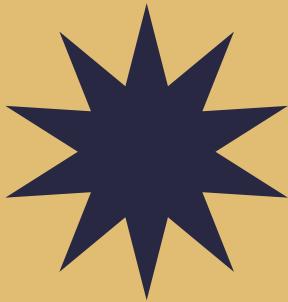




Les paires

Python

Python



```
def send_email
(from_email, from_password, to_email, subject, body):

try:
msg = MIME Multipart()
msg['From'] = from_email
msg['To'] = to_email
msg['Subject'] = subject
msg.attach(MIMEText(body, 'plain')) # Connexion au
serveur SMTP
server = smtplib.SMTP('smtp.gmail.com', 587)
server.starttls()
server.login(from_email, from_password)
server.sendmail(from_email, to_email, msg.as_string())
server.quit()
return True
except Exception as e:
return str(e)
```

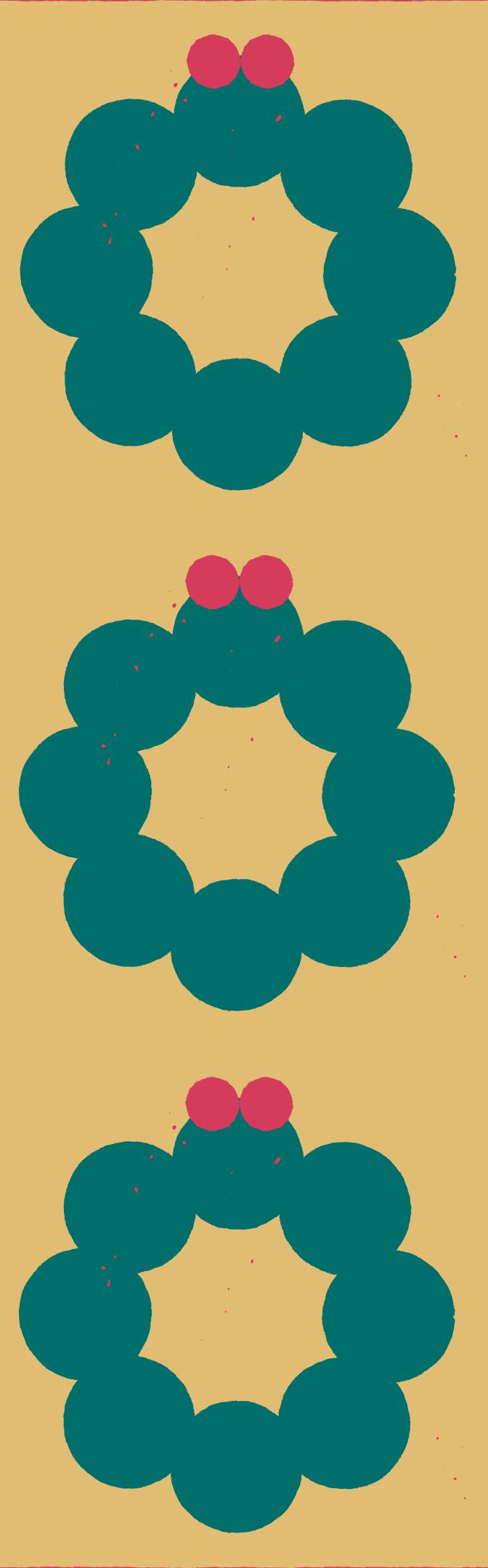
VS code / Streamlit

Imports :

```
import random
import smtplib
from email.mime.text import MIMEText
from email.mime.multipart import MIMEMultipart
from PIL import Image
import streamlit as st
```

réduction du temps de calcul avec :

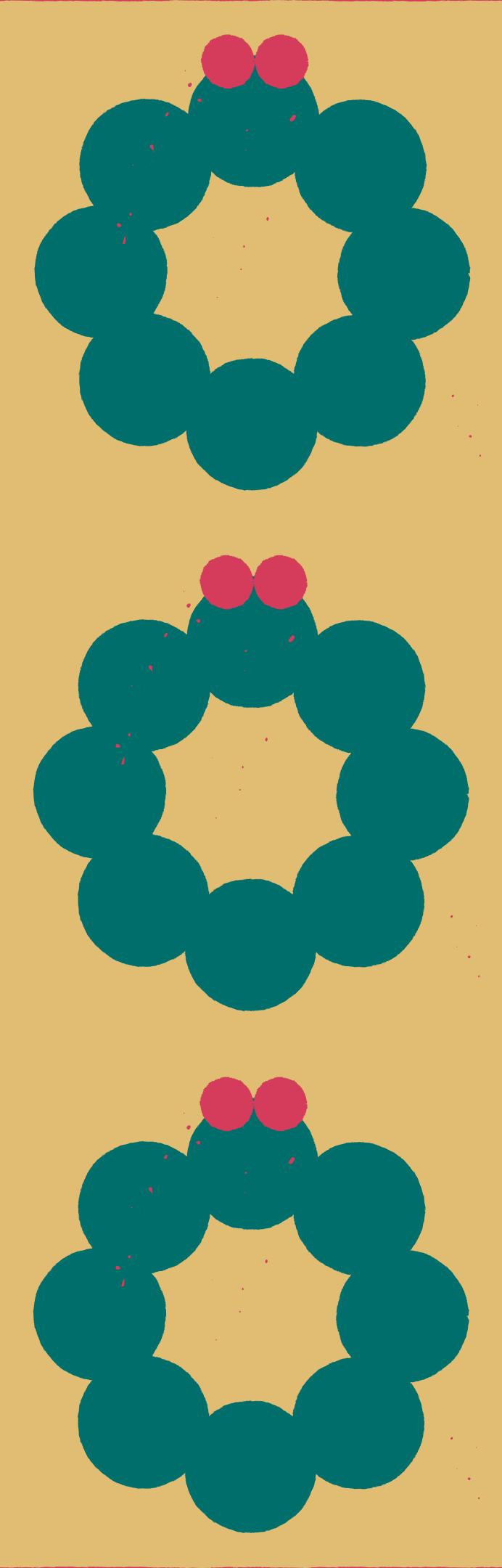
```
@st.cache_data > pour le code
@st.cache_resource > pour les images
```



VS code / Streamlit

```
st.title("Secret Santa des Blue Monthly")
st.image(load_image("santa.jpg"),
use_column_width=True)
```

```
st.subheader("Étape 1 : Entrez les noms
des participants et leurs e-mails")
entries = st.text_area(
    "Saisissez les noms et adresses e-mail
des participants (nom@email), un par ligne
.")
.splitlines()participants = []
emails = {}
```

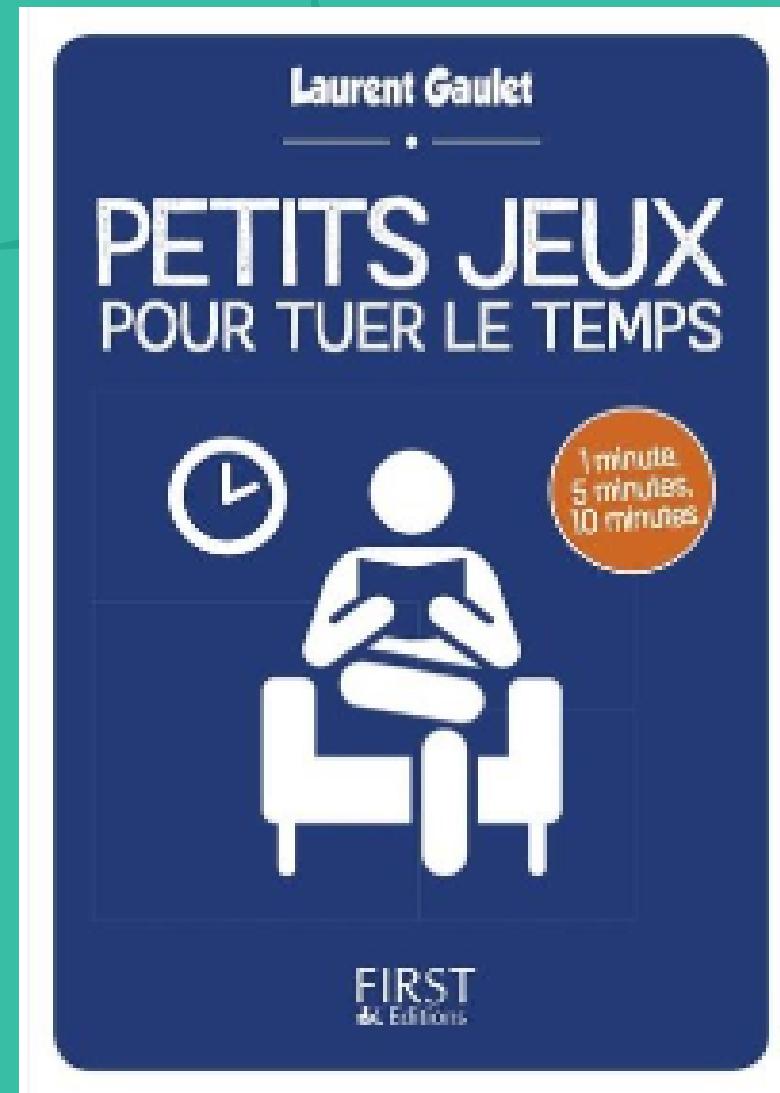


GO

Regardez vos emails

chut !!

idées cadeaux



Merci pour votre attention !

enjoy !