

9a. Write a python program to download the all XKCD comics.

```
import os
import requests
from bs4 import BeautifulSoup

# Create a directory to save the comics
os.makedirs('cs', exist_ok=True)

# Start downloading comics from XKCD
comic_number = 1
while True:
    # Construct the URL for the comic
    url = f'https://xkcd.com/{comic_number}/'

    # Send a GET request to the URL
    response = requests.get(url)

    if response.status_code == 200:
        # Parse the HTML content
        soup = BeautifulSoup(response.text, 'html.parser')

        # Find the comic image element
        img_elem = soup.find('div', {'id': 'comic'}).img

        if img_elem:
            # Get the image URL
            img_url = f"https:{img_elem['src']}"

            # Download the image
            img_response = requests.get(img_url)

            if img_response.status_code == 200:
                # Save the image to the directory
                with open(f'xkcd_comics/{comic_number}.png', 'wb') as f:
                    f.write(img_response.content)
                print(f"Downloaded comic {comic_number}")
            else:
                print(f"Failed to download comic {comic_number}")

        # Move to the next comic
        comic_number += 1
    else:
        # No more comics left
        break
```