**CLASE 15**

import csv

import json

import xml.etree.ElementTree as ET

import argparse

def read\_csv(file\_path):

with open(file\_path, 'r') as f:

reader = csv.DictReader(f)

return [row for row in reader]

def to\_json(offers):

return json.dumps(offers, indent=4)

def to\_xml(offers):

root = ET.Element('offers')

for offer in offers:

elem = ET.SubElement(root, 'offer')

for key, value in offer.items():

sub\_elem = ET.SubElement(elem, key)

sub\_elem.text = value

return ET.tostring(root).decode()

if \_\_name\_\_ == '\_\_main\_\_':

parser = argparse.ArgumentParser(description='Convert CSV offers to JSON or XML')

parser.add\_argument('file\_path', type=str, help='path to the CSV file')

parser.add\_argument('output\_type', choices=['json', 'xml'], help='output type')

args = parser.parse\_args()

offers = read\_csv(args.file\_path)

if args.output\_type == 'json':

print(to\_json(offers))

elif args.output\_type == 'xml':

print(to\_xml(offers))