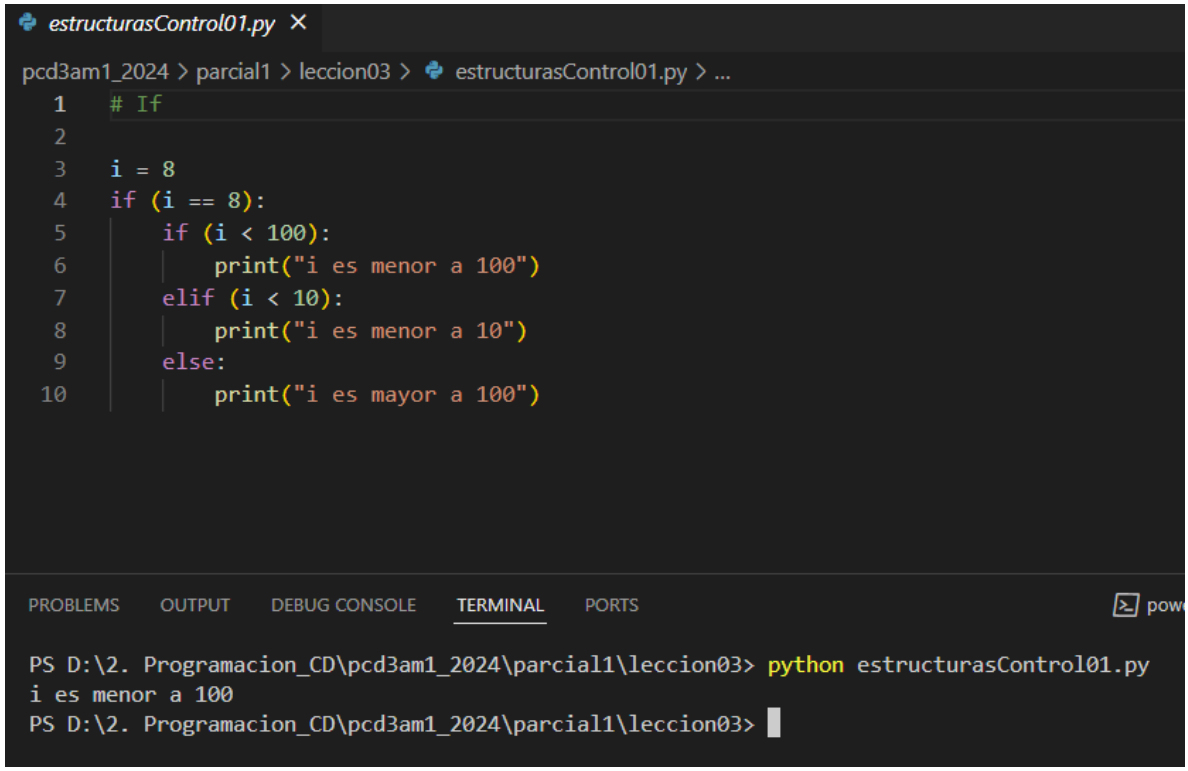
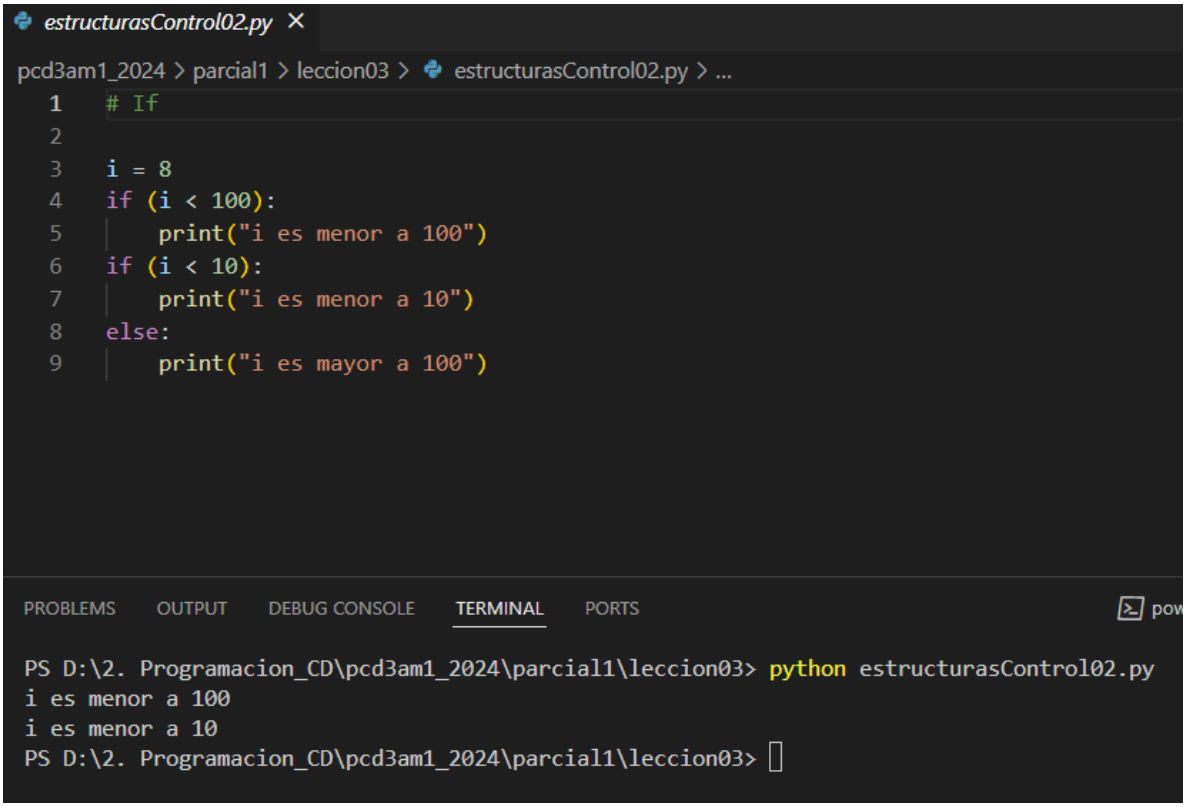
estructurasControl01.py



estructurasControl02.py



estructurasControl03.py

estructurasControl03.py

pcd3am1_2024 > parcial1 > leccion03 > estructurasControl03.py > ...

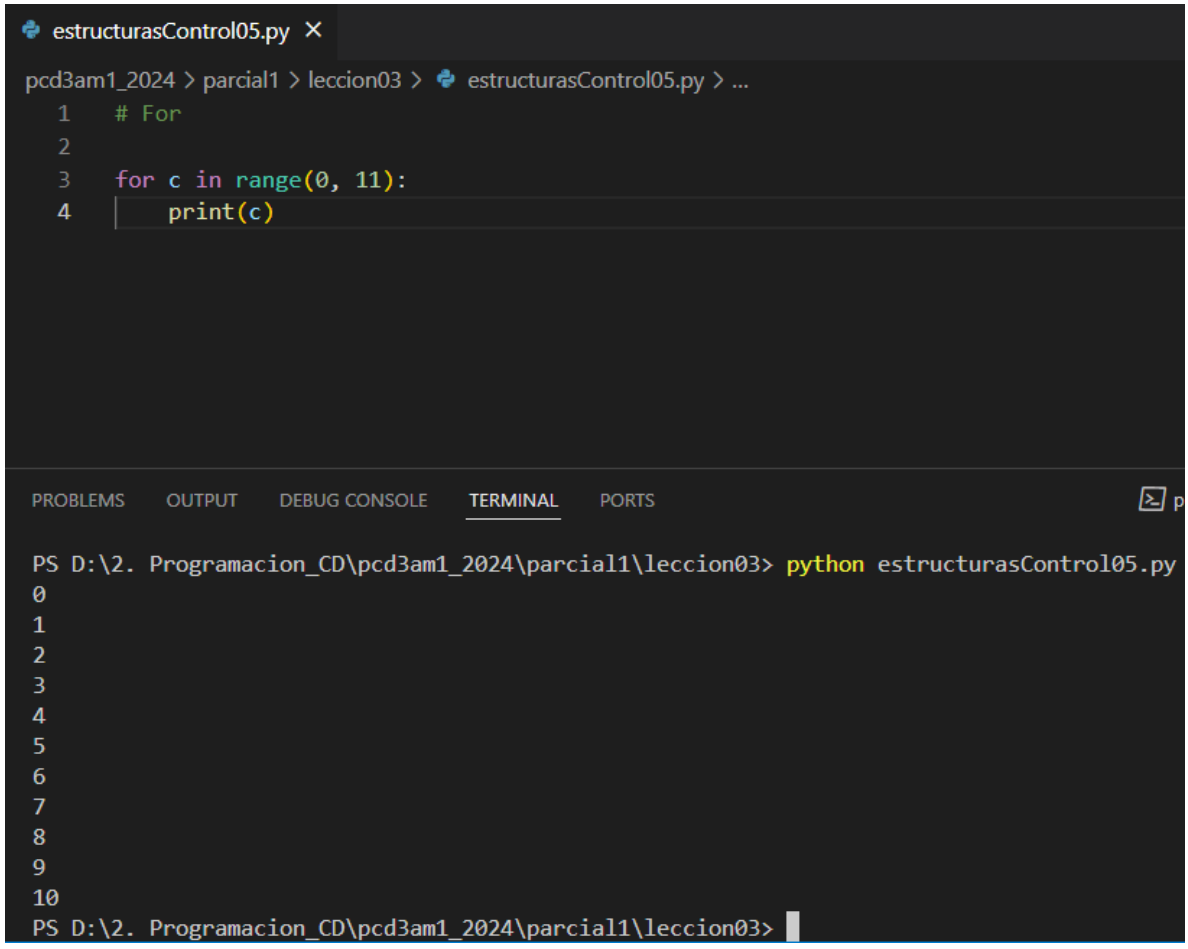
```python
# If

def comparar(i):
    if (i > 0):
        return 'Positivo'
    elif (i < 0):
        return 'Negativo'
    else:
        return 'Cero'

lambda_comparar1 = lambda i: {i>0: 'Positivo', i <0: 'Negativo'}.get(True, "Cero")

lambda_comparar2 = lambda i: 'Positivo' if i > 0 else ('Negativo' if i<0 else 'Cero')


for i in range(-2,3,1):
    print(f'Def: {i} es {comparar(i)}')


for i in range(-2,3,1):
    print(f'Lambda1: {i} es {lambda_comparar1(i)}')

for i in range(-2,3,1):
    print(f'Lambda2: {i} es {lambda_comparar2(i)}')

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

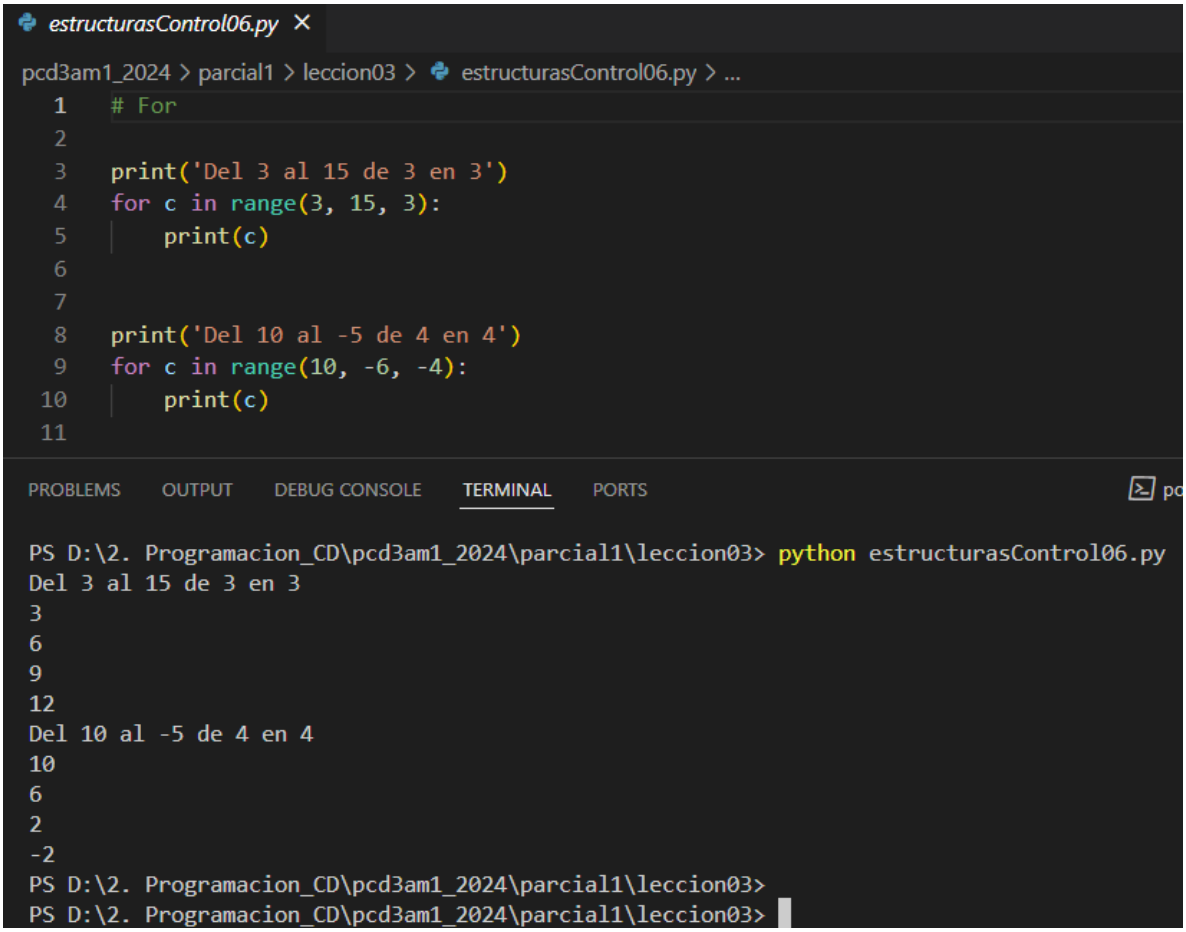
```
Def: -2 es Negativo
Def: -1 es Negativo
Def: 0 es Cero
Def: 1 es Positivo
Def: 2 es Positivo
Lambda1: -2 es Negativo
Lambda1: -1 es Negativo
Lambda1: 0 es Cero
Lambda1: 1 es Positivo
Lambda1: 2 es Positivo
Lambda1: 0 es Cero
Lambda1: 0 es Cero
Lambda1: 0 es Cero
Lambda1: 1 es Positivo
Lambda1: 2 es Positivo
Lambda2: -2 es Negativo
Lambda2: -1 es Negativo
Lambda2: 0 es Cero
Lambda2: 1 es Positivo
Lambda2: 2 es Positivo
```

estructurasControl04.py

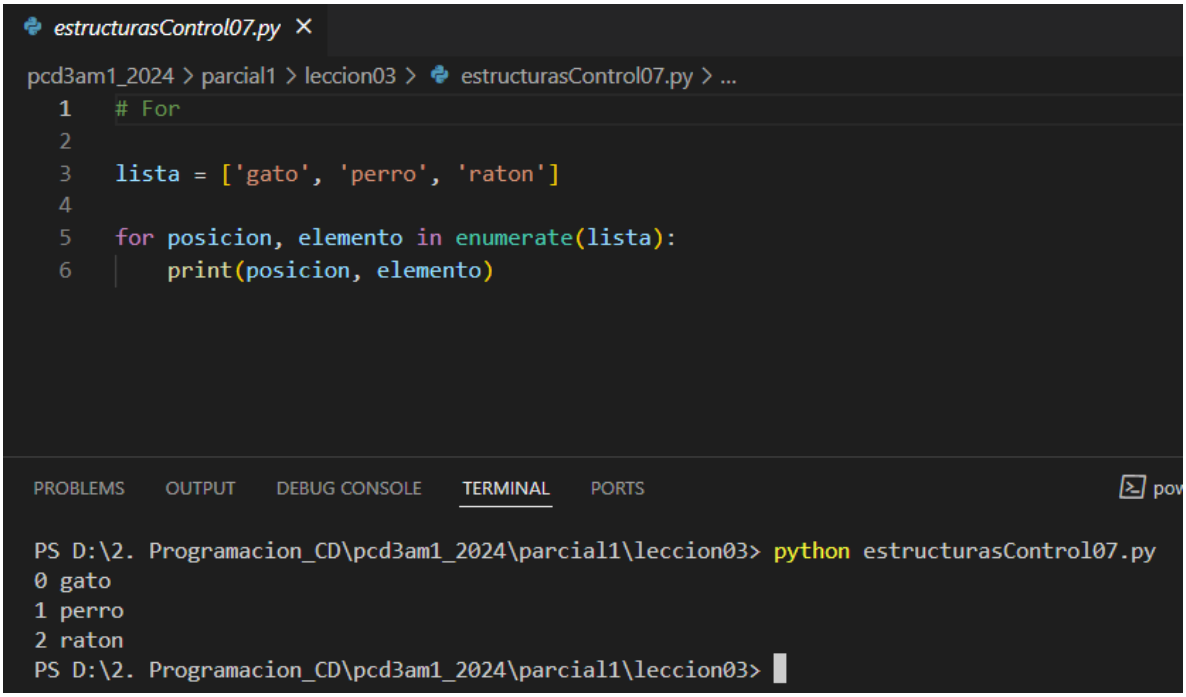
estructurasControl05.py



estructurasControl06.py



estructurasControl07.py



estructurasControl08.py

estructurasControl08.py

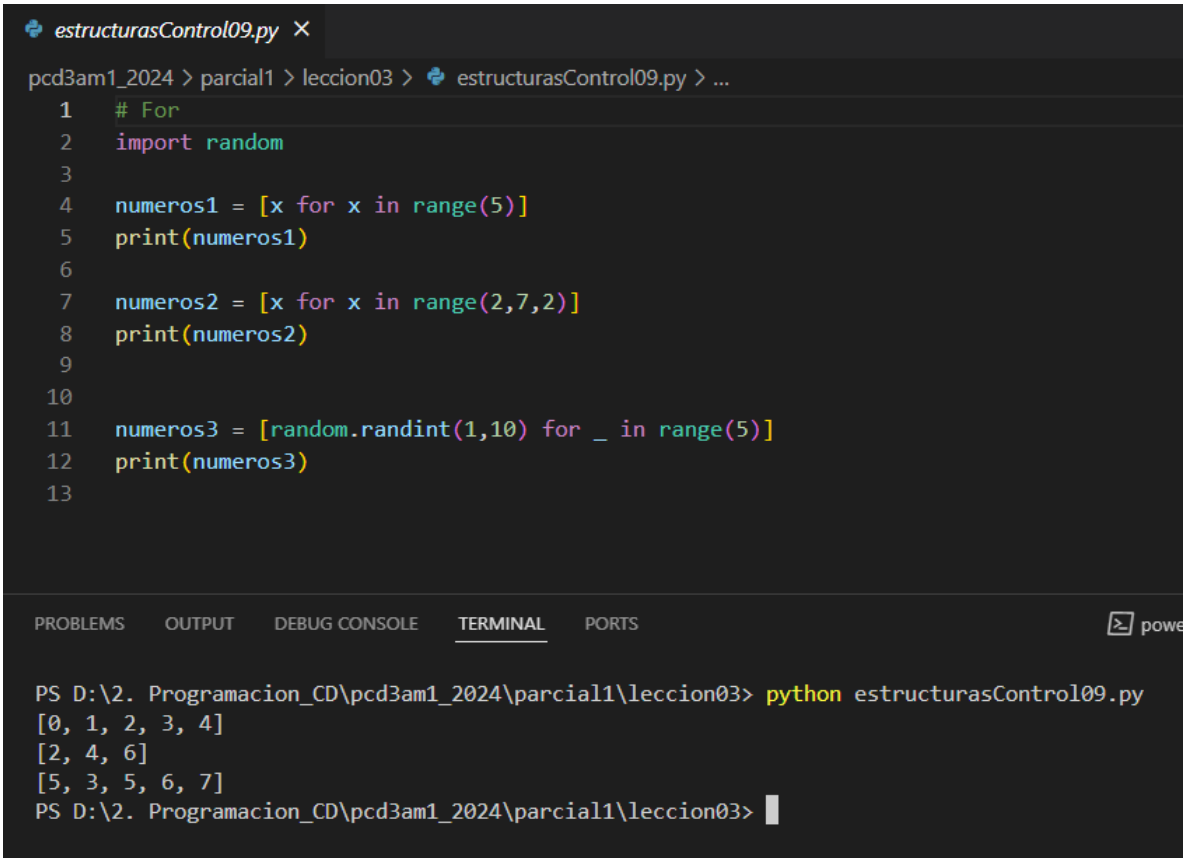
pcd3am1_2024 > parcial1 > leccion03 > estructurasControl08.py > ...

```python
# For anidado

for i in range(1, 4):
    for j in range(1, 4):
        for k in range(1, 4):
            for l in range(1, 4):
                print(f'i={i} j={j} k={k} l={l}')

```

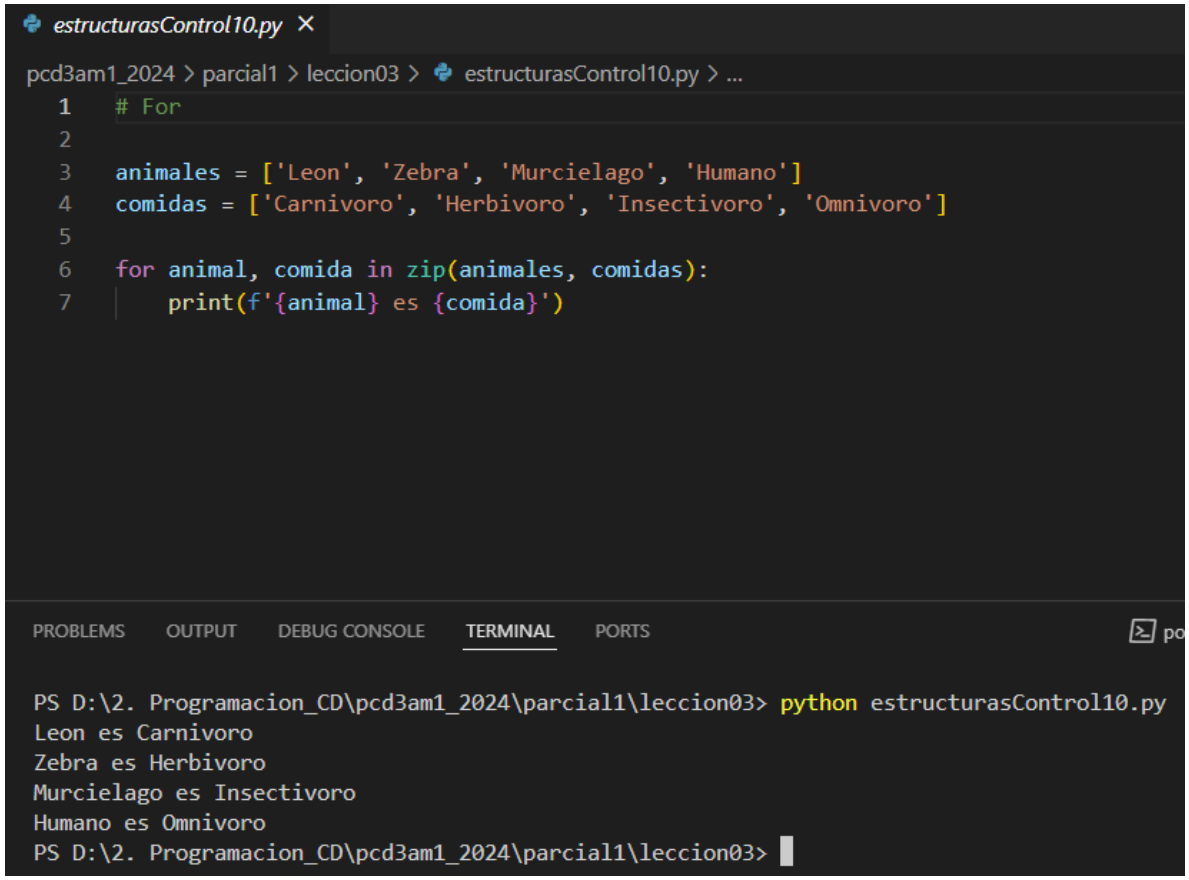
```
PS D:\2. Programacio
i=1 j=1 k=1 l=1
i=1 j=1 k=1 l=2
i=1 j=1 k=1 l=3
i=1 j=1 k=2 l=1
i=1 j=1 k=2 l=2
i=1 j=1 k=2 l=3
i=1 j=1 k=3 l=1
i=1 j=1 k=3 l=2
i=1 j=1 k=3 l=3
i=1 j=2 k=1 l=1
i=1 j=2 k=1 l=2
i=1 j=2 k=1 l=3
i=1 j=2 k=2 l=1
i=1 j=2 k=2 l=2
i=1 j=2 k=2 l=3
i=1 j=2 k=3 l=1
i=1 j=2 k=3 l=2
i=1 j=2 k=3 l=3
i=1 j=3 k=1 l=1
i=1 j=3 k=1 l=2
i=1 j=3 k=1 l=3
i=1 j=3 k=2 l=1
i=1 j=3 k=2 l=2
i=1 j=3 k=2 l=3
i=1 j=3 k=3 l=1
i=1 j=3 k=3 l=2
i=1 j=3 k=3 l=3
i=2 j=1 k=1 l=1
i=2 j=1 k=1 l=2
i=2 j=1 k=1 l=3
i=2 j=1 k=2 l=1
```

```
i=2 j=3 k=3 l=1
i=2 j=3 k=3 l=2
i=2 j=3 k=3 l=3
i=3 j=1 k=1 l=1
i=3 j=1 k=1 l=2
i=3 j=1 k=1 l=3
i=3 j=1 k=2 l=1
i=3 j=1 k=2 l=2
i=3 j=1 k=2 l=3
i=3 j=1 k=3 l=1
i=3 j=1 k=3 l=2
i=3 j=1 k=3 l=3
i=3 j=2 k=1 l=1
i=3 j=2 k=1 l=2
i=3 j=2 k=1 l=3
i=3 j=2 k=2 l=1
i=3 j=2 k=2 l=2
i=3 j=2 k=2 l=3
i=3 j=2 k=3 l=1
i=3 j=2 k=3 l=2
i=3 j=2 k=3 l=3
i=3 j=3 k=1 l=1
i=3 j=3 k=1 l=2
i=3 j=3 k=1 l=3
i=3 j=3 k=2 l=1
i=3 j=3 k=2 l=2
i=3 j=3 k=2 l=3
i=3 j=3 k=3 l=1
i=3 j=3 k=3 l=2
i=3 j=3 k=3 l=3
PS D:\2. Programacion_CD\pcd3am1_2024\parcial1\leccion03>
```

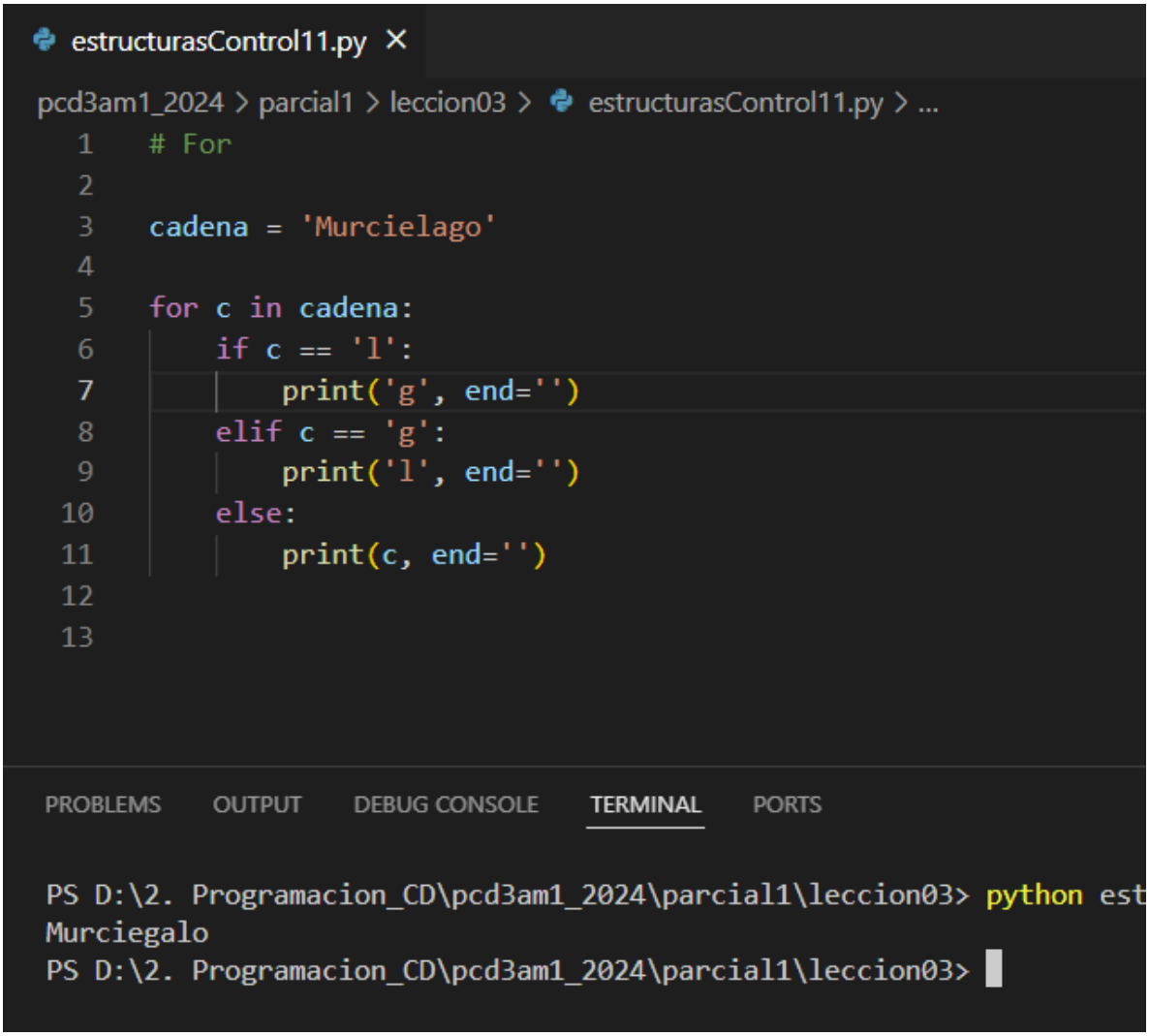
estructurasControl09.py



estructurasControl10.py



estructurasControl11.py



estructurasControl12.py