

Nested For Loop ¶

```
persons = {('Mohit', 'M', 'teacher'), ('Kunal', 'M', 'engineer'),  
           ('Rashmi', 'F', 'doctor'), ('Mahima', 'F', 'doctor')}
```

```
for per in persons:
```

```
    print(per) ✓
```

```
    for item in per:
```

```
        print(item)
```

outer

inner

('Mohit', 'M', 'teacher') ✓

Mohit ✓

M ✓

teacher ✓

('Mahima', 'F', 'doctor') ✓

Mahima ✓

F ✓

doctor ✓

('Kunal', 'M', 'engineer') ✓

Kunal ✓

M ✓

engineer ✓

('Rashmi', 'F', 'doctor') ✓

Rashmi ✓

F ✓

doctor ✓

Set of tuples

per \approx tuple

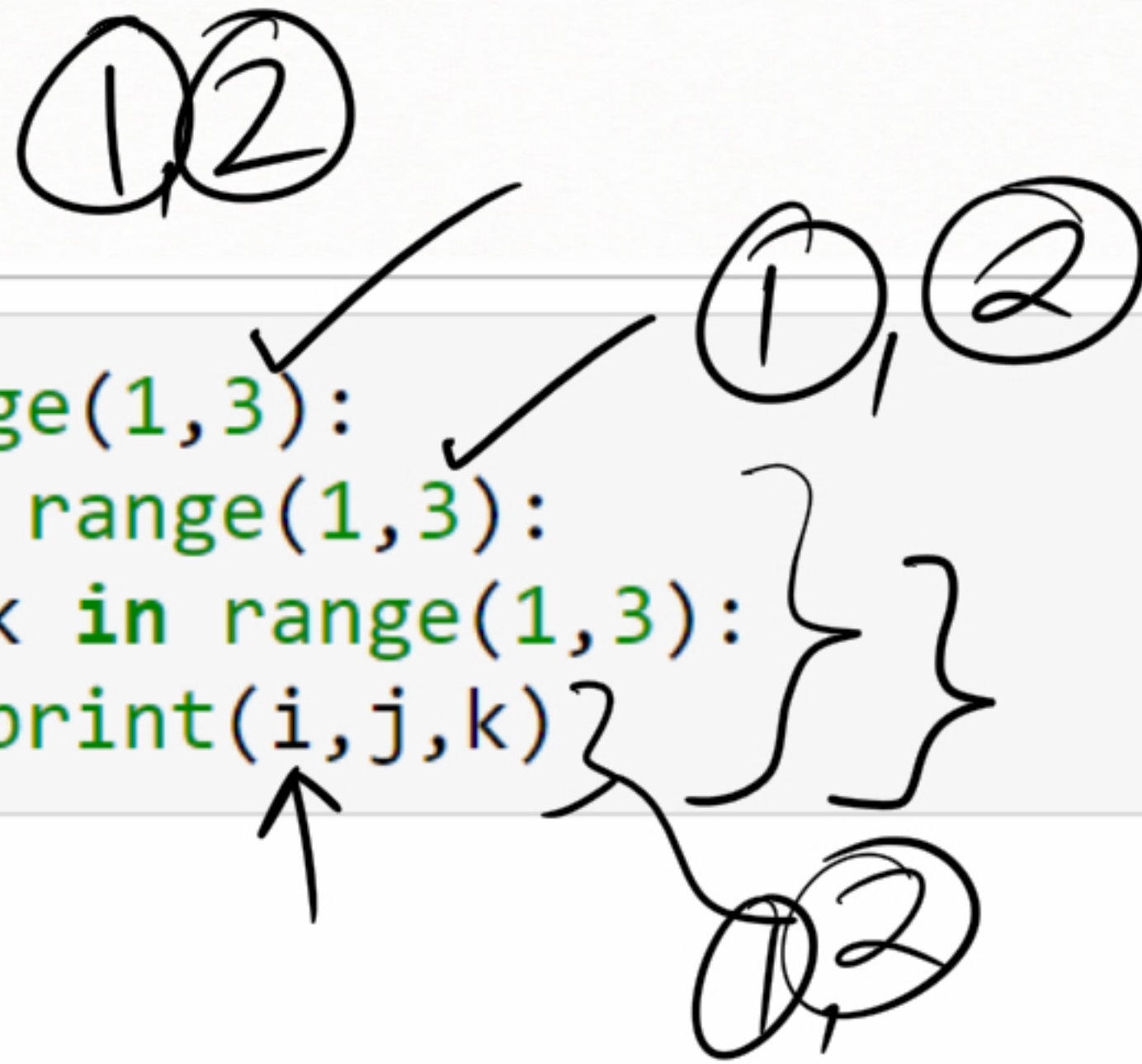
item \approx Name, Gender
Profession

In [22]:

```
for i in range(1,3):  
    for j in range(1,3):  
        for k in range(1,3):  
            → print(i,j,k)
```

1	1	1
1	1	2
1	2	1
1	2	2
2	1	1
2	1	2
2	2	1
2	2	2

Nested for loops




```
: bus = [32, 15, 18, 13, 22, 24, 25, 67, 35, 10]
```

```
count = 0
```

```
for age_of_person in bus:
```

```
    print(age_of_person)
```

```
    if age_of_person < 18:
```

```
        print('You are underage')
```

```
        continue
```

```
        count+=1
```

```
        print('Tell me your Name')
```

```
        print('Tell me your Address')
```

```
        print('Whom do you wish to vote?')
```

```
print(count, 'out of', len(bus), 'can vote!!!')
```

```
# continue means skip rest of the code for the current iteration and  
# next iteration.
```