

1. Indexing into a Nested List

A **nested list** is a list that contains other lists. The list below contains three smaller lists.

```
numbers = [  
    [10, 20, 30],  
    [40, 50, 60],  
    [70, 80, 90]  
]
```

For each part, write what the code prints.

```
print(numbers[0])
```

```
print(numbers[2])
```

```
print(numbers[1][2])
```

```
row = numbers[2]  
print(row[0])
```

2. Nested For Loops

A **nested for loop** is a for loop inside another for loop. Read the code below carefully. Write everything that the code prints.

```
for i in range(2):  
    for j in range(3):  
        print(i, j)
```

3. Using Nested Loops with a Nested List

The nested list below stores three rows of numbers.

```
scores = [  
    [4, 7, 2],  
    [8, 1, 5],  
    [3, 6, 9]  
]
```

Fill in the blanks. Your completed code should use a nested for loop to print every number in scores.

```
for row in range(_____):  
    for column in range(_____):  
        print(scores[_____][_____])
```

After filling in the blanks, write the output of the completed code.