

# 0x00. Pascal's Triangle

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alx [intranet.alxswe.com/projects/1213](http://intranet.alxswe.com/projects/1213)

## 0. Pascal's Triangle

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mandatory

Score: 0.0% (Checks completed: 0.0%)

Create a function `def pascal_triangle(n):` that returns a list of lists of integers representing the Pascal's triangle of `n`:

- Returns an empty list if `n <= 0`
- You can assume `n` will be always an integer

```
guillaume@ubuntu:~/0x00$ cat 0-main.py
#!/usr/bin/python3
"""
0-main
"""
pascal_triangle = __import__('0-pascal_triangle').pascal_triangle

def print_triangle(triangle):
    """
    Print the triangle
    """
    for row in triangle:
        print("[{}]".format(",".join([str(x) for x in row])))

if __name__ == "__main__":
    print_triangle(pascal_triangle(5))

guillaume@ubuntu:~/0x00$
guillaume@ubuntu:~/0x00$ ./0-main.py
[1]
[1,1]
[1,2,1]
[1,3,3,1]
[1,4,6,4,1]
guillaume@ubuntu:~/0x00$
```

### Repo:

- GitHub repository: [alx-interview](#)
- Directory: [0x00-pascal\\_triangle](#)
- File: [0-pascal\\_triangle.py](#)

