

Rules

1. You may not look into the bowl or at any pieces.
2. You may touch at most one piece.
3. If someone gives you the bowl and asks you how many pieces it contains you must (eventually) return it to them, with the same # of pieces, and answer correctly.

```
def fact(n):
```

```
    if n == 1:
```

```
        return 1
```

```
    else:
```

```
        return n * fact(n-1)
```

```
    3 * fact(2)
```

