

**Aufgabe 1**

```
def f(n):  
    if n == 1:  
        return 7  
    else:  
        return f(n-1)+1  
  
print(f(3))
```

**Aufgabe 2**

```
def f(n):  
    if n < 2:  
        return 5  
    else:  
        return 2*f(n-3)  
  
print(f(9))
```

**Aufgabe 3**

```
def f(n):  
    if n > 6:  
        return 3  
    else:  
        return f(n+2)+4  
  
print(f(1))
```

**Aufgabe 4**

```
def f(n):  
    if n == 1:  
        return 10  
    else:  
        return f(n-1) + n  
  
print(f(4))
```

**Aufgabe 5**

```
def f(n):  
    if n == 0:  
        return 1  
    else:  
        return n * f(n-1)
```

```
print(f(4))
```