

### Aufgabe 10.1

```
for i in range(1, 32):
    print('{0:3d}{0:7b}{0:6x}'.format(i))
```

### Aufgabe 10.2

```
for i in range(0, 8):
    print('{0: ^20}'.format((2*i+1)*'*'))
for i in range(0, 2):
    print('{0: ^20}'.format('*'))
```

### Aufgabe 10.3

```
1 sum = 0
2
3 dd = open('data.txt', mode='r')
4
5 for zeile in dd:
6     zahl = float(zeile)
7     sum = sum + zahl
8
9 dd.close()
10
11 print(sum)
```

### Aufgabe 10.4

```
fd = open("tmp.txt", mode="w")
for i in range(0, 11):
    fd.write("{0}\n".format(i))
fd.close()

summe = 0

fd = open("tmp.txt", mode="r")
for row in fd:
    summe += int(row)
fd.close()

print(summe)
```