## Solutions — For loops

## Problem 1:

We have to add interest to the debt at the end of the month and then deduct the payment. Redundantly, we also print out the outstanding debt:

```
debt = 50000
for month in range(1,16):
    debt += round(0.1/100*debt,2)
    debt -= 2000
    print('month', month, ':', debt)
print(debt)
```

## Problem 2: