



2. [4 marks] For loops.

Implement the following function according to its specification. You may **not** define any additional functions in your solution. You may **not** use comprehensions.

```
def collect_between(numbers: list[int], min_num: int, max_num: int) -> list[int]:
    """Return a new list consisting of the given numbers that are greater than min_num and
    less than max_num.
```

The numbers in the returned list should appear in the same order as they appear in numbers.

Preconditions:

- min_num < max_num

```
>>> collect_between([5, 7, 1, 6, -4, 0, 3, 14], 0, 7)
```

```
[5, 1, 6, 3]
```

```
>>> collect_between([], 0, 7)
```

```
[]
```

```
"""
```

```
    btw = []
```

```
    for i in numbers:
```

```
        if min_num < i < max_num:
```

```
            btw.append(i)
```

```
    return btw
```