

## Peer review t5

For this week, we had fun playing around with loops. Mehmet and I discovered some differences in our code.

For instance we thought about how to replace the last three characters of a string and used the substring method, and later figured out that there is a string function with the obvious name "replace" that is capable of replacing not a string from position A to B but a fixed value in our case the value "png".

We next discussed what's the difference between the .getAll() method and simply calling a function that returns a list in the definition of a list.

Mehmet had some difficulties understanding how parameters and arguments are connected to each other. Like he did not know that the position of the parameters matters and I then gave him some examples that showed that it indeed does matter.

We also discussed the differences and purposes of while and for loops/for each loops and in which cases which one is best.

While works best if you want an operation to be done a fixed number of times, or as long as the condition is true. For loops are really handy to get objects from lists or into lists.

```
for (int i = 0; i < guestList.size(); i++) {  
    if (i < numberOfVips) {  
        String guest = guestList.get(i);  
        giveVIPTicket(guest);  
    }  
}  
  
int i = 0;  
while (i < numberOfVips) {  
    String guest = guestList.get(i);  
    giveVIPTicket(guest);  
    i++;  
}
```