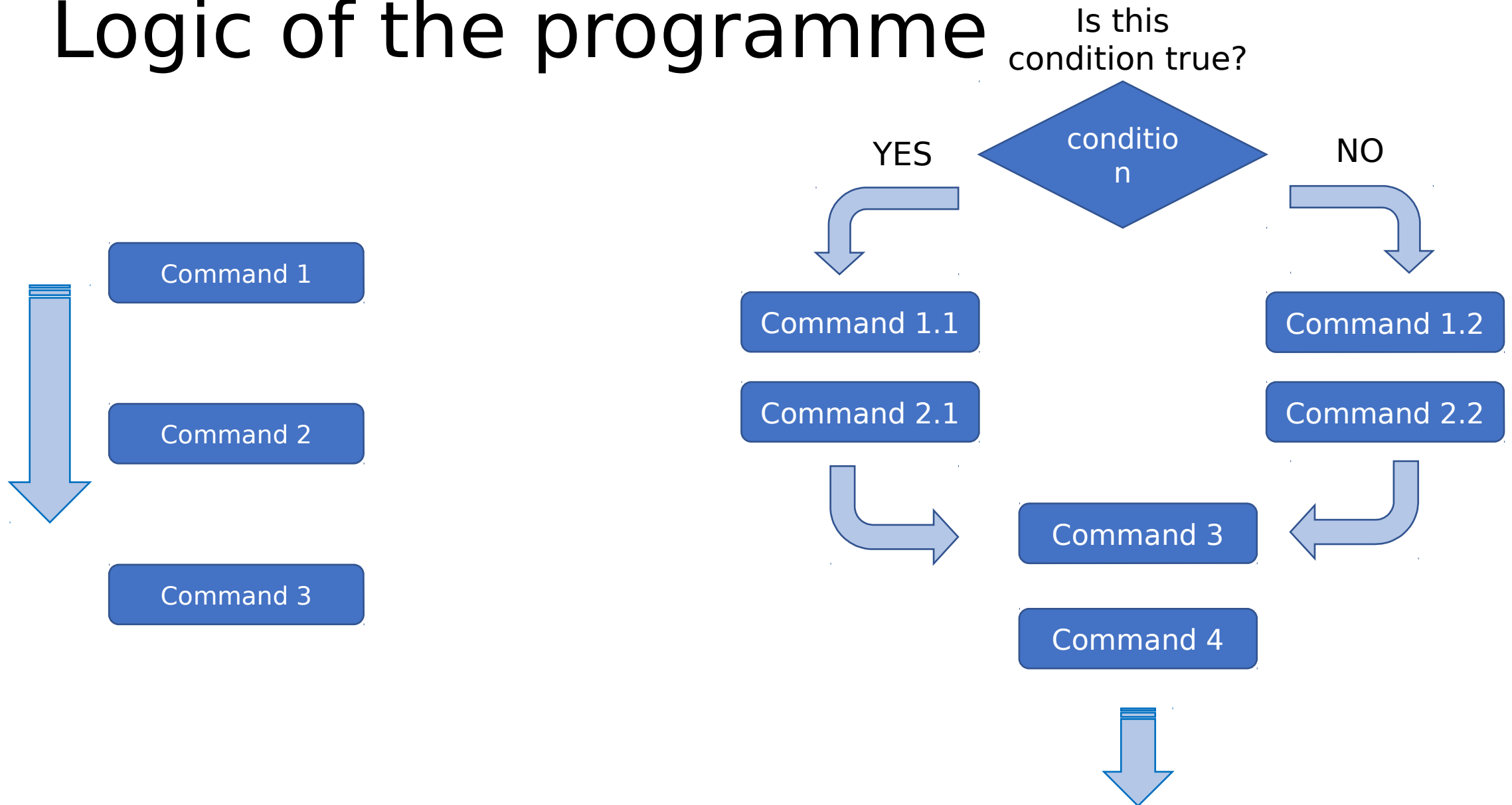
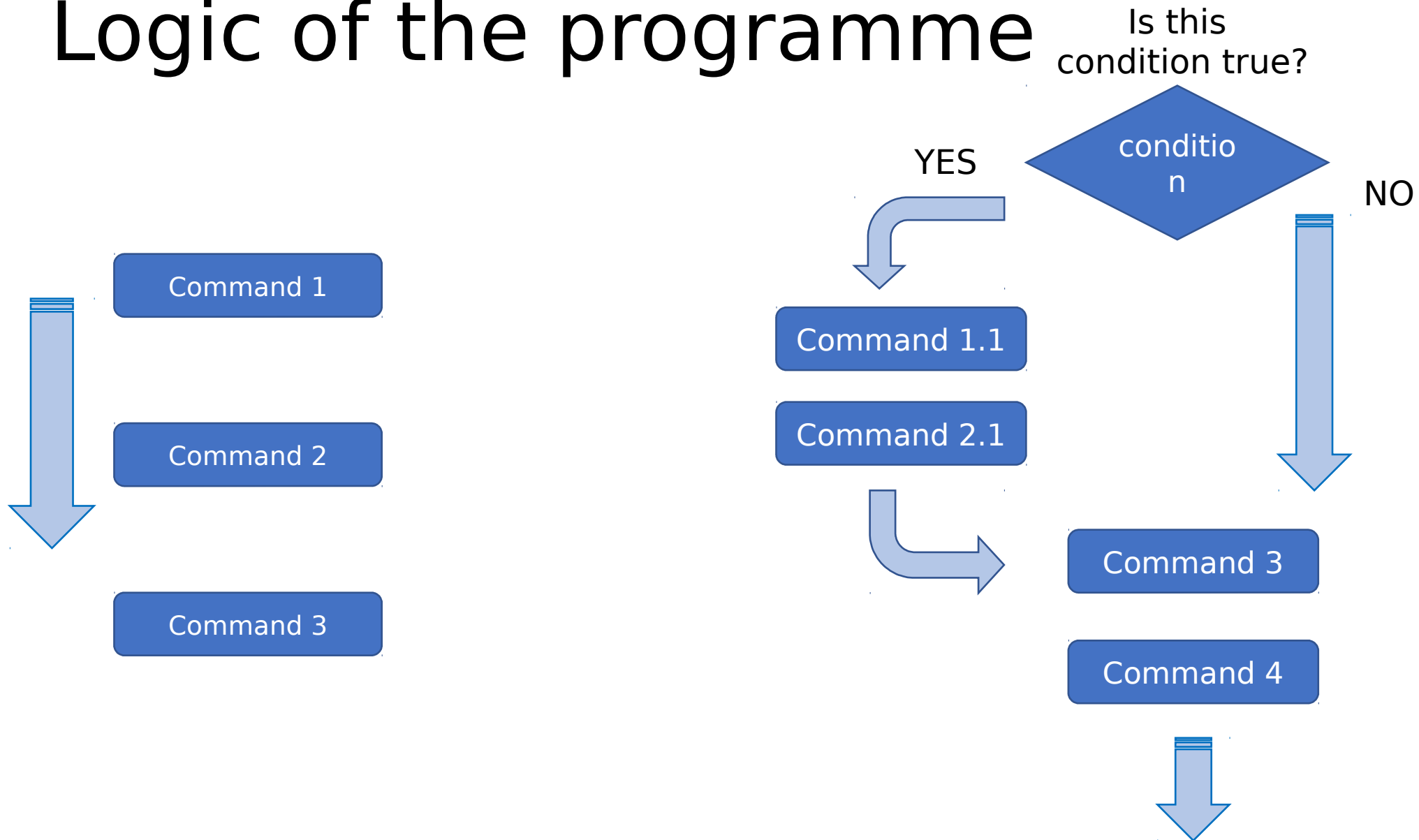


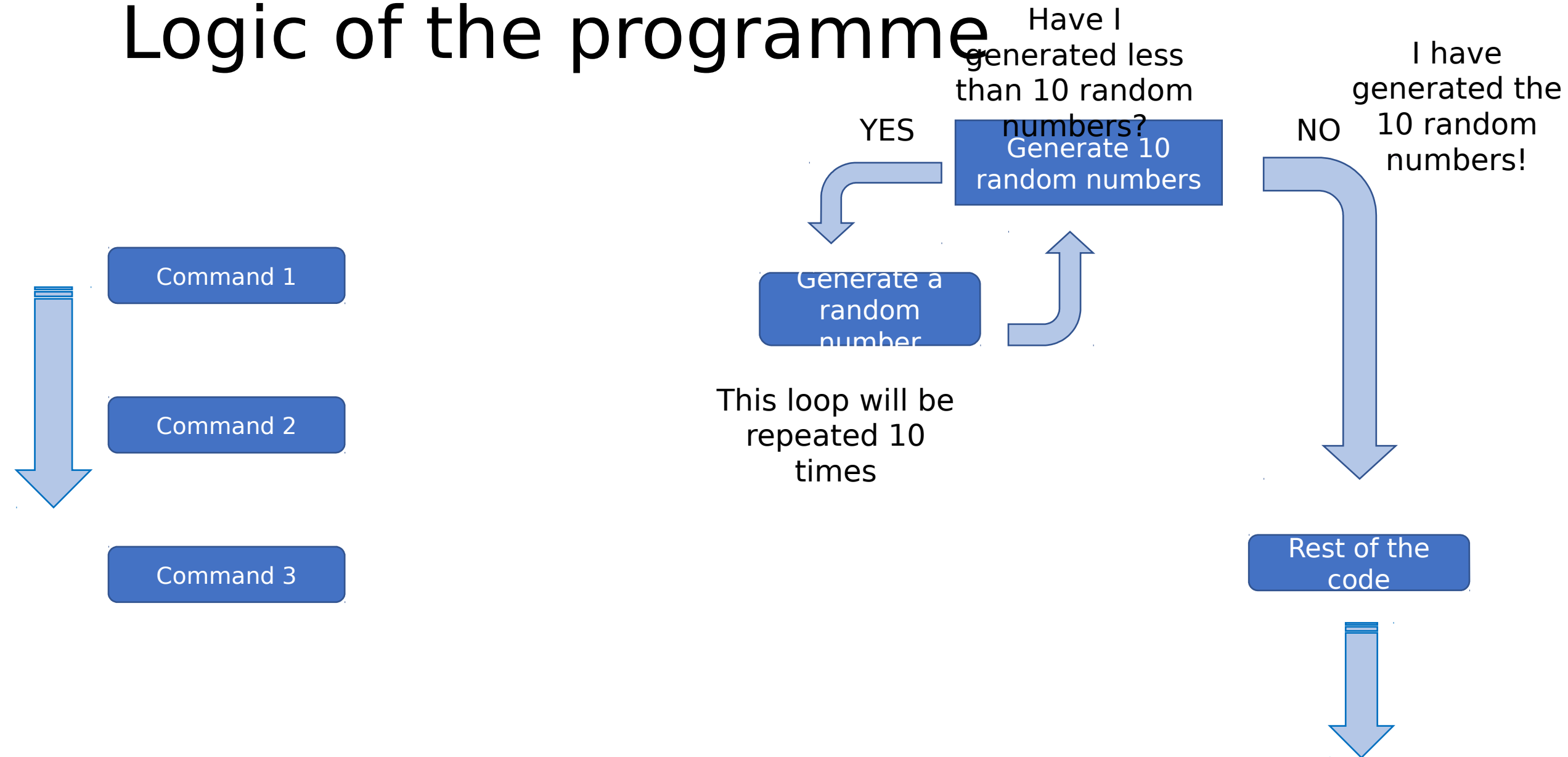
Logic of the programme



Logic of the programme



Logic of the programme



while loop

Go back to the
condition
statement



```
1 i = 0
2
3 while i < 3:
4     print("The value of i is:",i)
5
6     i = i + 1
7
```

The value of i is: 0
The value of i is: 1
The value of i is: 2

Variable i	While loop iteration
0	is i < 3 ? YES i = i + 1 --> i = 1
1	is i < 3 ? YES i = i + 1
2	is i < 3 ? YES i = i + 1 --> i = 3
3	is i < 3 ? NO

for loop

Go back while there are
elements to iterate in the
list

```
1 list_ages = [18,47,13,67]
2
3
4 for age in list_ages:
    print("She/he is",age, "years old")
```

She/he is 18 years old
She/he is 47 years old
She/he is 13 years old
She/he is 67 years old

for iteration	variable age
[18 , 47, 13, 67]	age =18
[18, 47 , 13, 67]	age=47
[18, 47, 13 , 67]	age=13
[18, 47, 13, 67]	age=67
[18, 47, 13, 67]	No more elements